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MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

[Adopted since January 1, 1910.]

SYRACUSE, N. Y.

COMMUNICABLE DISEASES-DEFINITION, NOTIFICATION, LABORATORY DIAGNOSIS, SCHOOL ATTENDANCE, ISOLATION, IN ANIMALS, DISPOSAL OF DEAD, DISINFECTION.

Sec. 2. Definition— * * * Contagious diseases.—Any disease of an infectious, contagious, or pestilential nature, more especially referring to cholera, smallpox, diphtheria, typhoid, cerebro-spinal, spotted, relapsing, or scarlet fevers, puerperal pyemia, puerperal septicemia, puerperal erysipelas, pulmonary tuberculosis, measles, German measles, whooping cough, mumps, chicken pox, erysipelas, and other diseases that shall be declared by the commissioner dangerous to the public health.

Sec. 5. Contagious diseases and regulations in regard thereto.—The following regula-

tions shall be observed in the case of contagious diseases:

Subdivision A. Reporting cases.—Every physician who has been called to attend or prescribe for any person having or suspected of having a contagious disease shall immediately report the same to the commissioner, and shall report to the commissioner in writing within 24 hours after he has been called to attend such person, the name and location of the patient and the nature and state of the disease. When a case of contagious disease, or suspected contagious disease, is not brought to the knowledge of a physician, the parent, guardian, or other person or persons in whose care, control, or custody the person having or suspected of having such contagious disease may be shall make such report.

Within 24 hours from the time a case of diphtheria has been discovered there shall be sent to the municipal laboratory, in tubes provided by the commissioner for the purpose, and in the manner set forth in the boxes containing said tubes, a specimen of exudate from the throat of the patient or patients reported to have diphtheria, or suspected diphtheria, and the city bacteriologist shall cause to be made a culture thereof, and report the same to the physician in charge and to the commissioner.

Every owner or keeper of any lodging house, boarding house, or hotel, and the owner, agent, or lessee of any tenement house or part thereof, whenever any person in such house is known to be sick of any infectious or pestilential or contagious disease, shall give immediate notice thereof to the commissioner in case a physician has not been called.

Subdivision B. Moving patients.—Without a permit of the commissioner no patient

sick with contagious disease shall be moved from one building to another.

Subdivision C. Schools and school children.—No teacher, parent, or custodian of any minor child shall permit any such child having any contagious disease, or any child residing in any house in which any such disease exists or has recently existed, to attend any university, public or private school, Sunday school, church, factory, or any other place of assembly, or ride in a street car or other public conveyance, until the child or person and the house in which such child or person resides shall be certi-

158 (2013)

fied by the commissioner to be free from the contagious power of the disease. Every room in every building used for school purposes must be provided with a thermometer, and the temperature of said room shall be kept so that the thermometer placed 4 feet above the floor on an inside wall shall not register above 70° F. in cool weather.

Subdivision E. Isolation .- All communications with any house or family infected with scarlet fever, smallpox, or diphtheria, and such other diseases as may be declared at any time by the commissioner dangerous or a menace to public health, is hereby forbidden except to physicians, nurses, or messengers, to carry necessary advice, medicine, and provisions, and to such other persons as may be necessary to render aid within said house for the support or assistance of said family. The health officer shall order isolation or absolute quarantine in such cases, or wherever he deems necessary, and take such other quarantine measures as he deems necessary in cases not above provided for.

In cases of isolation a sign or placard of suitable size, bearing plainly legible letters designating the name of the disease existing therein, shall be fixed on a conspicuous place near the main entrance of the house or building, and shall remain there until its removal is ordered by the health officer. Such sign or placard shall not be removed by any person unless authorized by the commissioner. In case the placard is removed by accident or without authority, the head of the family forthwith shall notify the commissioner.

Subdivision F. Contagious disease in animals.—No person shall bring into the city or shall sell or offer for sale any animal having a contagious disease or which has been exposed to it and which is liable to carry infection from such contagious disease.

Subdivision G. Giving notice of contagious disease in animals.—Veterinary surgeons or other persons shall give notice to the commissioner of animals affected by tuberculosis or other contagious disease within 24 hours after the same is discovered.

shall also give notice of suspected cases of such disease.

Sec. 6. * * * Subdivision B. Disposal of the dead.—It shall be the duty of every undertaker employed in the burial, transfer, or other disposition of the dead body of any person who has died of smallpox, diphtheria, scarlet fever, measles. typhus fever, Asiatic cholera, whooping cough, mumps, or any other disease that may be declared dangerous to the public health by the commissioner, where no physician's certificate has been furnished, to give immediate notice thereof to the commissioner. No undertaker shall retain or expose, nor cause to be retained or exposed, nor assist in the public funeral of the body of any human being who has died from any of the diseases above mentioned. The dead body of any human being having died of smallpox, diphtheria, scarlet fever, typhus fever, or Asiatic cholera immediately after death shall be disinfected by wrapping the entire body in a sheet wet with disinfecting solution, and it shall then be inclosed in a tightly closed coffin. which shall not thereafter be opened, and no person shall allow to be retained unburied such dead body for a longer time than 24 hours after the death of such person without a permit from the commissioner, which permit shall specify the length of time during which such body may be retained unburied. The funeral of such person shall be strictly private, and in the removal of such body for burial, or otherwise, hearses only shall be employed, and such body shall not be placed in any public receiving vault or

Subdivision D. Disinfecting.—All rooms or apartments occupied by any person sick of any contagious disease, immediately upon the death, removal, or recovery of such person, shall be thoroughly cleansed and disinfected, as the commissioner may direct. and all clothing, beds, bedding, or infected articles used by, or in caring for, such sick person, likewise shall be cleansed and disinfected, or in extreme cases destroyed, as the commissioner may direct. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

COMMUNICABLE DISEASES-NOTIFICATION, ISOLATION, SCHOOL ATTENDANCE, FUNERALS, DISINFECTION, VACCINATION.

Physicians and others to report contagious diseases. Sec. 46. That every physician shall within 12 hours after the first professional attendance upon any person in said city who is suffering from scarlet fever, diphtheria, smallpox or varioloid, cholera, typhoid fever, typhus fever, or yellow fever, chickenpox, cerebro spinal meningitis, whooping cough, or measles, or any other contagious, infectious, or communicable disease which may hereafter be publicly declared by the board of health to be preventable and especially dangerous to the public health, give notice thereof to this board particularly setting forth the name, age, and address of such person, and the nature of his or her illness. Furthermore, that pulmonary tuberculosis is hereby declared to be an infectious and communicable disease and dangerous to the public health; and it shall be the

duty of every physician in the city to report to the health department in writing the name, birthplace, age, sex, occupation, and last address of every person having such disease who may be attended by or who has come under the observation of such physician within one week after the diagnosis has been made. And it shall be the duty of the commissioner or managers or principal, superintendent, or physician of every public or private institution or dispensary in this city to report to the health department in writing, or to cause such report to be made by some proper and competent person, the name, birthplace, age, sex, occupation, and last address of every person afflicted with the disease, who is in their care, or who has come under their observation, within one week after making diagnosis. That it shall be the duty of every person sick with the pulmonary tuberculosis and of the authorities of public or private institutions or dispensaries to observe and enforce all sanitary rules and regulations of the health department for preventing the spread of such disease.

Sec. 47. That every attending physician shall, within 12 hours next after the death of any person in this city who shall have died of any of the diseases mentioned in the next preceding section, give written notice thereof to this board, particularly setting forth the name, age, and address of such sick person, the date of his or her death, and the nature of his or her sickness, and such report shall be independent of the regular

certificate of death required by law.

Sec. 48. No person while suffering from any of the diseases hereinbefore mentioned in section 46 shall willfully expose himself or herself without proper precautions against spreading the said disease in any street, public place, shop, inn, or public conveyance, or shall enter any public conveyance in said city without previously notifying the owners, occupant or tenant, conductor or driver thereof, that he is so

Sec. 49. That no person while being in charge of any person suffering from any of the diseases hereinbefore mentioned in section 46 shall willfully expose such sufferer, without proper precautions against spreading the disease, in any street, public place, shop, inn, or public conveyance in this city, or shall enter any public conveyance in said city without previously notifying the conductor, owner, occupant, tenant, or

driver thereof that he is in charge of the person so suffering.

Sec. 50. That any person who, within this city, gives, lends, sells, transmits, or exposes without previous disinfection, any bedding, clothing, rags, or other things which have been exposed to infection from any of the diseases hereinbefore mentioned in section 46, shall forfeit and pay a penalty hereinafter prescribed: *Provided*, that no proceedings under this section shall be taken against any person transmitting with proper precaution any bedding, clothing, rags, or other things, for the purpose of having the same disinfected.

Contagious diseases in schools. Sec. 51. That no principal, teacher, or superintendent of any school, or any parent or guardian of any person suffering from any of the diseases hereinbefore mentioned in section 46, shall knowingly permit any person to

attend any school in said city while so suffering.

SEC. 52. That it shall be the duty of any principal or teacher of any private or public day school, night school, or Sunday school within said city to report to the board of health the name and residence of any child affected with any contagious or infectious disease hereinbefore mentioned in section 46 who shall present himself or herself for attendance at such school.

SEC. 53. That it shall be the duty of the principal to exclude from attendance at school any child so affected, and other children who may belong to the same family, until such time as the said board of health shall issue a written permit providing for

the readmission of such child or children in said school.

Sec. 54. That every person, being a parent or guardian, or having the care, custody or control of any minor or other individual, shall, to the extent of any means, power, and authority of said parent, guardian, or other person that could properly be used or exerted for such purpose, cause and procure such minor or individual to be so promptly, frequently, and effectively vaccinated that such minor or individual shall not take or

be liable to take the smallpox.

Funerals of persons dying with contagious diseases. Sec. 55. That every undertaker who shall be called upon to take charge of the body of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, or any other contagious or pestilential disease, shall warn the family of such person that no public funeral will be allowed, that every precaution must be taken to prevent the spread of the disease, and that no person or persons, excepting those in direct attendance upon the deceased, must be admitted to the room where the body may be. And any person offending against any of the provisions of this section shall forfeit and pay a penalty hereinafter prescribed.

Sec. 56. That every undertaker who shall be called upon to take charge of the body of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, or any other contagious or pestilential disease, shall at once remove all clothing from the body of the deceased, wash the dead body with a solution of bichloride of mercury, 1–500, wrap said body in a sheet saturated with a solution of the bichloride of mercury, 1–500, and immediately place said body in a coffin, which shall be immediately and permanently sealed with some material or preparation approved by the board; and no undertaker shall retain or expose or assist in the retention or exposing of the dead body of any such person except when it is so treated and inclosed.

Sec. 57. That every undertaker who shall be called upon to take charge of the body of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, or any other contagious or pestilential disease, shall bury the body of such person at the entirety possible moment, which time the person has been such by the person to the person between the person to the person between the person between the person to the

shall in no one case be longer than 24 hours after such undertaker is so called upon.

Sec. 58. That there shall not be a public or church funeral of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, but the funeral of such person shall be private, and it shall not be lawful to invite or permit at the funeral of any person who has died of any of the above diseases, or of any contagious or pestilential disease, or at any services connected therewith, any person whose attendance is not necessary.

with, any person whose attendance is not necessary.

Sec. 59. That every undertaker having notice of the death of any person within said city from the diseases named in section 58, or any other contagious disease dangerous to the general health of the community, or of the bringing of the dead body of any person who has died of any such disease into such city, shall forthwith give notice

thereof to the board of health.

Contagious diseases in houses. Sec. 62. In case of any of the diseases mentioned in section 46, or any other contagious, infectious, or communicable disease, in the city of Trenton, the persons affected there by shall, at the discretion of this board, be isolated, or they may be removed to such locality as this board may order and direct; and all buildings, clothing, property, and premises and vehicles which may become infected by the presence of persons affected by such contagious, infectious, or other communicable disease, shall be disinfected, and such disinfections or fumigations shall be made and performed in such manner and with such materials and within such stated time and under such supervision as this board may direct; and this board may establish such preparations and isolation or quarantine of the sick from other persons not necessary as attendants, and also provide and effect such special care, disinfection, and cleansing of property and premises as shall, in the judgment of the board, be needed in order to prevent the spreading of such diseases to other persons. And it shall be the duty of the health officer, and he is hereby authorized and empowered, to enforce the provisions of this section, and he may employ and call such assistants as may be necessary to enforce the same.

Sec. 63. Whenever the quarantine has been established by the board of health upon or in any house within said city in which contagious or infectious discase exists by placards affixed to said house, such quarantine and all provisions thereof shall be maintained and obeyed by all persons until the recovery or death of the person or persons affected with any such disease has been reported to the said department and until the said house has been thoroughly disinfected and until such disinfection has been approved and such placards have been removed by said department, and no other persons shall remove said placards. In the event of the occurrence of scarlet fever the quarantine shall extend over a period of not less than three weeks from the date of appearance of such disease. Two weeks after this disinfection of any house so quarantined has been approved and such quarantine has been released by the board of health of the said city a written permit may be issued by said board authorizing the readmission to school of any child or children in such house: Provided, That no other case or cases of contagious disease shall have appeared in such house in the

meantime.

SEC. 64. That it shall be the duty of every person knowing of any individual in said city sick of any contagious disease and the duty of every physician hearing of any such sick person whom he shall have reason to think requires the attention of this department, to at once report the facts to the board of health; and no person shall interfere with or obstruct the entrance, inspection, or examination of any house by the inspectors and officers of this board when there has been reported the case of any person sick with contagious disease therein, or they have reason to believe that such disease exists. [Art. I, Sanitary Code, adopted Aug. 1, 1910.]

PITTSBURGH, PA.

BARBER SHOPS AND BARBERS-REGULATION OF.

Sec. 1. Be it ordained and enacted by the city of Pittsburgh, in select and common councils assembled, and it is hereby ordained and enacted by the authority of the same, that every barber shop in the city of Pittsburgh shall be conducted in accordance with the following regulations:

(a) Every barber or other person in charge of any barber shop shall keep said barber

shop at all times in a cleanly and sanitary condition.

(b) No person shall use any barber shop as a sleeping room or dormitory

(c) Every barber or other person in charge of any barber shop shall supply running hot and cold water and shall use hot-water tanks for no other purpose than that of heating water.

(d) Every barber or other person in charge of any barber shop shall sterilize all

mugs, shaving brushes, razors, needles, clippers, shears, forceps, and other metal instruments immediately after each and every separate use thereof.

(e) Every barber or other person in charge of any barber shop shall use a separate and clean towel for every person and shall, while serving said person, wear a washable apron or coat.

(f) Every barber or other person in charge of any barber shop shall use alum, or

other material to stop the flow of blood, in powdered or liquid form only.

(g) No barber or other person in charge of any barber shop shall use sponges or powder puffs, or feather or hair dusters, without first cleansing thoroughly the same. (h) No barber having any contagious or infectious disease shall serve any customer,

nor shall he serve customers having such a disease.

(i) Every barber or other person in charge of any barber shop in the city of Pittsburgh shall post a copy of this ordinance in a conspicuous place in said barber shop. SEC. 2. Any person or persons who shall fail, neglect, or refuse to comply with, or who shall, upon conviction thereof in a summary conviction proceeding before any police magistrate or alderman in the city of Pittsburgh, be sentenced to pay a fine of not more than \$10, and in default of payment thereof to be imprisoned in the county jail for a period of not more than 10 days.

SEC. 3. The department of public health of the city of Pittsburgh is hereby authorized and empowered to enforce the provisions of this ordinance. [Ordinance adopted

Mar. 27, 1911.]

ST. PAUL, MINN.

BARBER SHOPS AND BARBERS-REGULATION OF.

Sec. 1. Each person conducting a barber shop in the city of St. Paul shall keep said shop and the furniture therein in a sanitary condition, and provide the shop with hot and cold water.

Sec. 2. Each razor, brush, mug, cake of soap, comb, scissors, or other utensil, except strops, used therein, shall be sterilized before every separate use thereof by being immersed in boiling water, and each strop used therein shall be sterilized daily.

SEC. 3. Clean towels shall be supplied for and used upon each person shaved therein, and each towel or piece of linen used therein shall be sterilized by boiling the same before each separate use thereof.

Sec. 4. Every barber therein shall cleanse his hands thoroughly, immediately before serving each customer.

Sec. 5. Alum or other material used therein to stop the flow of blood shall be in liquid or powdered form only.

Sec. 6. No powder puffs or sponges shall be applied to any customer therein.

Sec. 7. Each such barber shop shall be open to the inspection of the officers of the department of health of said city during business hours. Sec. 8. That a copy of this ordinance shall be kept posted in a conspicuous place

therein.

SEC. 9. Any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not less than \$5 nor more than \$25, or by imprisonment for not less than 5 days nor more than 30 days for each offense. [Ordinance adopted May 16, 1911.]

SYRACUSE, N. Y.

MILK-PRODUCTION, CARE, AND SALE.

Sec. 9. Sale of milk and cream.—The following regulations are established in regard to the sale of milk and cream:

Subdivision A. License necessary.-No person shall sell, peddle, or deliver milk or cream or ice cream within the city of Syracuse unless and until he shall first obtain a license so to do from the commissioner.

Subdivision B. No owner, lessee, or occupant of any restaurant, saloon, hotel, boarding house, café, ice-cream rooms, or of any store or place whatsoever shall purchase milk or cream or use, sell, or dispose of any milk, cream, or ice cream (made from such milk or cream) from any person not having a license as herein provided, unless (in case such vender has no license) such owner, lessee, or occupant shall first obtain a license or permission to purchase, use, sell, or dispose from the commissioner as herein provided

Subdivision C. Application for milk or cream license.—Every person applying for such license shall do so upon a blank furnished by the commissioner; said applicant shall state his name, residence, and the location of the farm or other place where his cows, or the cows from which he obtains his milk or cream are kept or maintained, and the name and residence of any person or persons from whom the applicant shall at the time be obtaining milk or cream to be sold within the city, and such other information relating to the source of supply and the quality of milk or cream to be sold as the commissioner or health officer may require; and such applicant, if license be granted, and within 24 hours from the time that he begins to obtain his milk or cream from a new source, shall report to the commissioner in writing the name of the person from whom

he obtains milk or cream other than the one named in the application.

Subdivision D. Inspection.—Upon application being made to the commissioner it shall be referred to the dairy inspector, who shall investigate the dairies referred to in the application. No one shall receive a license to sell milk or cream in the city of Syracuse from a dairy which the dairy inspector reports in writing is not entitled to receive a total score of 65 per cent or better, or less than 20 per cent in any one feature of the score, using the score card adopted by the Dairy Division of the Bureau of Animal Industry of the United States Department of Agriculture, modified as per copy which, marked "Exhibit A," is annexed to and makes a part of these ordinances. Any license may be revoked whenever the total score made in writing by the dairy

inspector falls below 65 per cent.
Subdivision E. Restrictions on sale.—Excepting the case of "skimmed milk," which is hereafter provided for, no person shall bring into the city for sale, or shall sell or offer for sale, any milk-

1. Containing more than 88 per cent of water or fluids. 2. Containing less than 11.5 per cent of milk solids.

3. Containing less than 3 per cent of fats.

4. From which any part of the cream has been removed.

5. Having lactometer reading less than 29.

- 6. Containing any boric acid or salicylic acid, formaldehyde, or other foreign chemicals.
 - 7. Containing bacteria of any kind, more than 250,000 per cubic centimeter. 8. Drawn from any cow having a contagious or communicable disease.
- 9. Drawn from any cow within 15 days before or 5 days after parturition. 10. Having a temperature over 60° or which has been stored at a temperature higher than 50° F.

Subdivision F. No person shall—
1. Deliver, sell, offer for sale or have in his possession for the purpose of sale any milk or cream in any receptacle unless such receptacles have been thoroughly washed and sterilized before being last filled, and no bottles or glass jars shall be filled except

in a milk room approved by the health officer.

2. Sell, offer, or expose for sale milk or cream from any vehicles unless such vehicle bears in a conspicuous place a metal sign for the current year issued annually by the commissioner, bearing the year, license number, and name of business, and in case milk is sold from cans or vessels where no vehicle is used, unless such license number shall be placed in a conspicuous place on each can or vessel. No milk or cream shall be sold from any store or shop except from bottles filled as above provided and kept at a temperature of less than 50° F.

3. Keep milk in a living or sleeping room or in any room which is not kept clean at all times or in which the plumbing is not constructed in accordance with the plumbing requirements of the city; or keep milk in any cans not made of well-tinned iron, with the inner surface smooth and free from rust.

4. Pasteurized milk and cream.-Pasteurized milk and cream, besides being subject to the foregoing regulations, shall also be subject to the following: All farms supplying milk to pasteurizing plants or creameries that sell pasteurized milk or cream, or both, shall be subject to the regulations already prescribed for all other farms. By pasteurized milk or cream is meant milk or cream which has been heated with a purpose of destroying the germ content of the same. All pasteurized milk or cream shall be so labeled. Pasteurized milk or cream shall not contain more than 50,000 bacteria per cubic centimeter. All pasteurizing plants shall be subject to inspection

and must be approved by the health officer.

5. Inspected milk.—Any person or firm or corporation may be granted a special permit by the health officer to sell milk as inspected milk and may advertise the same as such provided all the said milk is produced by cows that have passed the tuberculin test within one year; that the farm and dairy in which said milk is produced shall have a score of at least 90 as scored by the city dairy inspector; that all such milk while in storage or transportation until delivered to the consumer shall be kept at a temperature below 50° F., and shall not contain more than 50,000 bacteria per cubic centimeter, or contain less than 34 per cent butter fat. No animals shall be bought into the herd that have not passed the tuberculin test within one month. Any animals that react to the tuberculin test shall not be kept on farms producing inspected milk. All tuberculin tests made in compliance with this regulation shall be made by or under the direction of the State department of agriculture and the records of the tests of each individual animal must be kept at the farm for reference. Farms or dairies producing inspected milk shall be inspected monthly by the dairy inspector, who shall make a written report of his findings to the health officer, and any milk sold as inspected milk shall be examined monthly by the bacteriologist, who shall also report his findings in writing to the health officer. The health officer shall revoke any special permit granted to any party to sell inspected milk when the prescribed regulations for the same are not maintained. The production and sale of inspected milk shall also be subject to the regulations prescribed for ordinary milk. No milk shall be sold or offered for sale as sanitary or inspected milk except in compliance with and pursuant to above-prescribed regulations.

6. Cream.—Cream that is not separated from clean, pure milk, or to which any foreign substance whatsoever has been added, or that contains more than 500,000 bacteria per cubic centimeter, or that has been kept in storage for more than four days, shall be considered as adulterated. Adulterated cream shall not be sold or offered for sale. Cream shall not be sold or offered for sale that contains less than 18 per centbutter fat. All creameries, dairies, and other premises used for separating cream from milk shall be open to the inspection of and shall meet with the approval of the

7. Ice cream.—No ice cream or other substance shall be sold, offered, or exposed for sale as ice cream or labeled or implied as such that does not comply with the provisions of this section or unless the milk and cream used in its manufacture complies with all

the regulations prescribed for ordinary milk and cream.

Ice cream must contain at least 12 per cent butter fat. It shall be maintained continuously at a temperature of 32° F., or below after it is frozen. It shall be free from all preservatives, including all forms of soda and formalin. Each package shall have a label placed in a conspicuous place in plain letters as large as standard typewriter size, giving the date upon which it was made and the name of the manufacturer. This label must remain continuously upon said package until the ice cream contained therein is used. Ice cream that is refrozen or that shall be more than four days old shall be considered as adulterated. Adulterated ice cream shall not be sold or offered for sale.

Ice cream and all other frozen substances, ices, and soda fountain drinks, sold, offered, or exposed for sale as food or beverage shall be made from pure, clean, and wholesome materials; shall be sold or delivered in clean, sanitary packages or containers; and the premises where such substances are made or prepared shall be open to the inspection of and shall meet with the approval of the health officer.

Subdivision G. Sale of skimmed milk.—No person shall sell or offer for sale any milk from which the cream has been removed, or which contains less than $9\frac{\pi}{10}$ per cent of milk solids, unless in a conspicuous place, above the center, and on the outside of every vessel in which said milk is sold or kept, the words "Skimmed milk" are distinctly marked in letters thereon of such size and character as the commissioner or his milk inspector may direct. The restrictions contained in the last subdivision, E, paragraphs numbered 6 to 10, inclusive, shall apply to the sale of skimmed milk. Subdivision H. Further requirements

1. No person shall remove from any dwelling in which exists any contagious disease any bottles or other receptacles which have been or which are to be used for containing

or storing milk, except by permission of the health officer.

2. No person shall use any milk or cream tickets more than once.

3. Every person using in the sale or distribution of milk or cream a delivery wagon or other vehicle, shall keep the same at all times in a cleanly condition and free from any substance liable to contaminate or injure the purity of the milk. Whenever necessary to keep contents thereof at or below 60° F., he shall carry a quantity of ice sufficient for this purpose.

4. Every person knowing the fact shall report immediately to the commissioner, in in writing, any case of diphtheria, scarlet fever, typhoid fever, or smallpox on the

premises where milk is produced, handled, or sold.

Subdivision I. Inspection of milk, cream, or ice cream.—Inspection of milk or cream in all dairies and of all milk, cream, or ice cream or ice-cream vendors shall be made under the direction of the milk inspectors authorized by the commissioner, and all persons selling, exchanging, or exposing milk for sale, or having in his possession milk, cream, or ice cream for sale, delivery, or exchange, either on his own account or for any other person, shall at all times furnish to the said milk inspectors of the city and permit such inspectors to take from them samples as they may require, and such samples shall be given or permitted to be taken at such time or place as may be demanded by the said inspectors for the purpose of testing the same. Every such sample of milk so delivered to any of the milk inspectors shall have a label attached to the vessel containing such sample, which shall have written thereon, at the time of the delivery of such sample, the number of the dealer's license, the number of the sample, the date of collection, and the name of the inspector, and a memorandum shall be made by the inspector collecting such sample of the number of the sample, the name of the owner or driver from whom collected, and a duplicate of the sample sealed, in a bottle or vessel, shall be delivered to the person from whom such sample is taken. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

MILK-PRODUCTION, CARE, AND SALE.

SEC. 1. No milk shall hereafter be produced, sold, exposed for sale or delivered within the city of Trenton unless it is produced and handled in accordance with the

requirements of this article.

Sec. 2. No person, corporation, or association of persons shall sell or deliver or have in possession for sale or delivery in the city of Trenton any milk without first obtaining

from the board of health a permit for such sale or delivery.

SEC. 3. No permit, as required in the next preceding section, shall be issued by the board of health until there shall be paid to the said board of health for the issuing thereof and for a proper inspection and supervision of the sale of milk the sum of \$2.

SEC. 4. That each permit to be granted as set forth in the two sections next preceding shall continue for the term of one year from the 1st day of January preceding the date of granting the same: Providing, however, That any person or corporation taking out such permit after the 1st of January in any year shall be required to pay for such permit only for that portion of the calendar year which said license has to run, and that said persons so licensed shall have two signs on each of their milk wagons, one on either side and outside of said wagons, where they can be readily seen, in the form prescribed by the health officer of the said board of health: *Provided*, That if any person so licensed as aforesaid, or any of his employees, servants, or agents, shall violate any ordinance or rule of the board of health relating to the sale, distribution, or inspection of, or the supervision of the sale and distribution of milk, such license may, at the discretion of the board of health, be revoked.

SEC. 5. That any person engaged in the sale of milk within the city of Trenton shall, on the 1st day of January and June of each year, and at any other time when so requested by the board of health, the health officer, or the sanitary inspectors of said city, furnish to said board or to said health officer or inspectors a true statement in writing, upon blanks to be supplied by said board of health, setting forth the locality from which said mflk was procured, and also a full and complete list of the names of persons from whom said milk was purchased, and the names and addresses of all customers or persons to whom he may sell or deliver milk within said city, and said blanks, when

filled in as aforesaid, shall be signed by the person selling said milk.

SEC. 6. That any person engaged in the sale of milk within the city of Trenton shall notify the board of health, in writing, immediately upon changing the source of supply of the milk so sold by him within said city of such change, and said notice shall also state the name or names of the persons supplying said milk and the locality from which such milk is procured

Sec. 7. That no person shall sell, or deliver, or have in possession for sale in the city of Trenton any milk which contains any unhealthy ingredient, constituent, or sub-

stance, or is impure, or which has been transported or stored in an unclean manner or place, or which has been produced from cows which are kept or stabled under

unhealthful conditions, or which may be diseased.

SEC. 8. No milk shall hereafter be sold, exposed for sale, or delivered within the city of Trenton by any person which shall have been produced in dairies having a rating below 60 per cent, as based on the score card in use by the board of health of the State of New Jersey, which score-card system and ratings are hereby adopted by the board of health of the city of Trenton.

Retailers or distributers collecting or receiving milk from several sources shall be rated at the grade of the dairy having the lowest mark, unless satisfactory evidence is

given to the board of health that milk of a better quality is kept separate.

SEC. 9. Premises wherein milk is produced or handled which is intended for sale or exchange in the city of Trenton shall, at all times, be open for inspection to members or employees of the board of health of this city and of the State board of health. No person shall receive a license or renewal if such privilege be refused, and if such person has a license such license may, in the discretion of the board of health, be revoked. And no person shall sell, expose for sale, or distribute any milk within the city of Trenton produced or handled by a person who shall refuse to permit such inspection as aforesaid.

SEC. 10. No milk from cows fed on swill or other putrescent substance shall be sold

within the city of Trenton.

Sec. 11. No milk shall be sold, or offered for sale, or exchanged within the city of Trenton that shall be obtained from cows for a period of 15 days before the normal

time of calving or within 5 days after calving.

Sec. 12. Milk sold or kept for sale in any store, shop, restaurant, market, bakery, dairy, or other establishment in the city of Trenton shall at all times be kept, at a temperature not exceeding 50° F., in a covered cooler, box, or refrigerator, properly drained and cared for, which shall at no time be allowed to become foul or malodorous. Said places shall at all times when business is being carried on be open to inspection by any member of this board or its authorized agent.

Sec. 13. No milk shall be delivered, stored, or transported at a temperature exceed-

Sec. 14. All milk sold in bottles shall be placed in said bottles at a place which is kept under clean conditions at all times and in a room not closely connected with cow stables or manure pile, and said bottles, before using, shall be cleansed thoroughly with hot water.

Sec. 15. No dealer in milk shall store the same or keep it for sale in any room used

for sleeping or domestic purposes or opening into the same.

SEC. 16. No person shall transfer from cans to bottles or other vessels on the streets,

except when transferred to vessels of purchaser at time of delivery.

Sec. 17. No person shall fill any bottle, vessel, or other receptacle, except as provided for in the next preceding section, except at the dairy or creamery, and in the city only in rooms so situated as to prevent the contamination of the milk by dust from the streets or other impurities.

SEC. 18. All bottles used for distribution of milk shall be used for no other purpose.

All bottles shall be cleansed by consumer before returning.

SEC. 19. No method of using milk tickets whereby the tickets are used more than

once shall be permitted.

Sec. 20. Samples of milk shall be furnished this board or its authorized agent by any producer or dealer at any time upon proper payment therefor. Milk containing over 100,000 bacteria per cubic centimeter shall not be sold or offered for sale in the city of Trenton.

Sec. 21. No milk shall be used or sold under a label or bottled as pasteurized milk unless the methods used in such pasteurization be acceptable to and approved by the

board of health.

SEC. 22. No milk shall be sold or labeled "certified milk" unless the methods used in its production shall conform to the standard and methods necessary to produce such milk and certified by an authority acceptable to the board of health of this city.

Sec. 23. If at any time there shall occur among the persons engaged in the production or handling of milk intended for sale in the city of Trenton, or in the house of persons so engaged, any contagious or infectious disease, such as cholera, smallpox, diphtheria, membranous croup, typhus, typhoid or enteric fever, scarlet fever, tuber-culosis, or any other communicable disease that may hereafter be declared dangerous by the board of health of this city, the owner or tenant of such dairy shall notify this board immediately, and said board may order sale of milk from said dairy discontinued for such time as may be considered necessary, and no milk shall thereafter be sold from said dairy until special permit from this board be granted therefor.

SEC. 24. No substance or compound shall be added to any milk which is to be used, exposed, or offered for sale in the city of Trenton, and no substance shall be subtracted therefrom. Milk which contains more than 88 per cent of watery fluids or less than 12 per cent of milk solids, or if any water, drug, chemical preservative, or other substance be added thereto, shall be deemed impure and shall not be sold in the city of Trenton: Provided, however, That in the case of skimmed or modified milk, which may be sold if in can, vessel, or package containing such milk, shall have a metal label or tag of metal distinctly, durably, and permanently soldered in a conspicuous place upon the outside, and not more than 6 inches from the top thereof, with the words "skimmed" or "modified" milk, whichever it might be, indented or engraved on the label or tag in letters not less than 2 inches in height, and the several lines of which shall not be less than one-half of an inch in width: Provided, however, That every glass bottle, in lieu of such label or tag, may have blown in it the words "skimmed milk" or "modified milk" in letters that shall not be less than 1 inch in height, and several lines of which shall not be less than one-eighth of an inch in width. Such milk shall only be sold or shipped in or retailed out of a can,

bottle, vessel, or package so marked.

SEC. 25. No cream shall be sold, exposed for sale, or delivered within the city of Trenton unless it be produced and handled in accordance with the requirements hereinbefore set forth for the production and handling of milk.

Sec. 26. Any firm, corporation, person, or association who shall fail to comply with or shall violate any of the provisions of this article, known as "Milk Code," shall, on conviction, be punished by a fine of not less than \$10 nor more than \$100, in the discretion of the court or magistrate before whom the complaint is made.

Sec. 27. All ordinances, codes, and articles and sections inconsistent with this

article are hereby repealed.

SEC. 28. This article to take effect immediately. [Art. II, Sanitary Code, adopted Aug. 1, 1910.]

LOS ANGELES, CAL.

MIDWIFERY-PRACTICE OF.

SEC. 1. It shall be unlawful for any person to practice midwifery or obstetrics, or to act as accoucheur, or to attend or assist or advise at the birth of any child without first applying for and receiving a permit in writing so to do from the board of health.

Any person desiring such a permit shall make and file with the board of health an application therefor in writing. The name, age, sex, residence, place of business, and occupation of the applicant shall be stated in such application, and the previous experience of the applicant shall be stated fully therein. The applicant shall state in such application where he or she shall have resided for a period of five years next preceding the date of filing such application. Such application shall be signed by the applicant and shall be sworn to before an officer authorized to administer oaths.

Sec. 2. The board of health shall make an investigation as to the experience and

history of each person applying for such a permit, and if it shall be found that any such person has committed any criminal or immoral act or has been guilty of any crime or of any criminal or immoral practice the application of such person shall be denied by

the said board.

If the said board shall not find that such applicant has committed any criminal or immoral act or has been guilty of any crime or of any criminal or immoral practice, then the said board shall make a careful and thorough examination of the qualifications possessed by such applicant to practice midwifery or obstetrics, or to act as accoucheur, or to attend or assist or advise at the birth of children. Such examination may be written or oral, or both, in the discretion of the board of health.

Sec. 3. If the said board shall determine that such application should be granted, a

permit in writing shall be issued to the person applying therefor.

Sec. 4. If the holder of any such permit shall commit any criminal or immoral act or shall be guilty of any crime or of any criminal or immoral practice, the board of

health shall revoke the permit of such person.

Sec. 5. No such permit shall be revoked until a hearing shall have been had by the board of health, notice of which hearing shall be given in writing and served at least three days prior to the date of hearing upon the holder of such permit. Such notice shall state the ground of complaint against the holder of such permit and shall also state the time when and place where such hearing will be had. Such notice shall be served upon the holder of such permit by delivering the same to such person or to any person of suitable age and discretion in charge of or employed in the place of business of such person; or, if such person has no place of business, then at his or her place of residence; or by leaving such notice at the place of residence of such person with some person of

suitable age and discretion. If the holder of such permit can not be found and service of such notice can not be made upon him or her in the manner herein provided, then a copy of such notice shall be mailed, postage fully prepaid, addressed to such holder of such permit at such place of business or residence at least three days prior to the date of such hearing.

SEC. 6. The provisions of this ordinance shall not apply to any physician licensed as such by the State of California in the manner required by law, or to any person assisting at the birth of any child under the direction and in the presence of a physician

so licensed

SEC. 7. Each person filing an application for a permit pursuant to the provisions of this ordinance shall deposit the sum of \$5 with the board of health at the time of filing such application. If such application is granted, the said sum shall be retained by the city. If the application is not granted, one-half of such sum shall be returned to the applicant and the remainder shall be retained by the city for the purpose of reimbursing the city for the expense of making the investigation required by this ordinance and the holding of the examination, if an examination is held.

Sec. 8. Each such permit shall expire at the end of one year from and after the date thereof, unless sooner revoked. Such permit may be renewed by the board of health from year to year, without examination, upon the payment of a fee of \$1. Each such renewal shall expire at the end of one year from and after the date thereof,

unless sooner revoked.

Sec. 9. All moneys received pursuant to the provisions of this ordinance shall be at once deposited in the city treasury, and all moneys returned to any applicant shall be upon a demand or demands filed, approved, and audited in the same manner as

other demands against the city are filed, approved, and audited.

Sec. 10. That any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punishable by a fine of not less than \$5 nor more than \$500, or by imprisonment in the city jail for a period of not more than six months, or by both such fine and imprisonment. [Ordinance adopted July 19, 1910.]

MEMPHIS, TENN.

MIDWIFERY-PRACTICE OF.

SECTION 1. Be it ordained by the board of commissioners of the city of Memphis, that no person shall practice the trade or profession of midwifery in the city of Memphis until she has complied with the terms of this ordinance and passed the ex-

amination required herein.

SEC. 2. Be it further ordained, that any person desiring to practice the trade or profession of midwifery shall apply to the superintendent of health in writing for a permit so to do. Said application shall state the name and address of the applicant, how long she has resided in the city of Memphis, how long she has practiced the trade or profession of midwifery, and what training or qualifications she has had for the same. It shall further be signed by at least three reputable citizens and taxpayers of the city of Memphis, who certify to the good character of the applicant. Upon the filing of this application, together with the fees hereinafter provided, the superintendent of health shall thereupon make suitable examination of the applicant as to her fitness to act as a midwife, or shall appoint a competent physician to conduct said examination, which shall be held at some time and place to be designated by the superintendent of health, who shall mail to the applicant a written notice of said time and place at least three days before the day of the said examination.

SEC. 3. Be it further ordained, that all applicants shall be required to exhibit such knowledge of their trade or profession as shall, in the opinion of the examiner, justify them in carrying on the trade or profession of midwifery and shall, in addition thereto, present for examination their outfit used in the practice of their trade or profession, and the same must be of such character as shall be approved by the examiner.

Upon each applicant passing a satisfactory examination, the superintendent of health shall issue a permit to said applicant, which shall entitle her to carry on her trade or profession in the city of Memphis for a period of one year from the date thereof. The said permit shall be renewed upon applying to the superintendent of health: Provided, That the outfit and equipments submitted for an examination shall be approved: And provided, That if the superintendent of health has received any complaint against the said midwife he may, if necessary, cause her to submit to another examination as to her competency and fitness for the position: And provided further, That if the character of the applicant shall be such as shall not entitle her to carry on the trade or profession, the renewal of the permit shall be refused.

SEC. 4. Be it further ordained, that each applicant shall deposit with her applica-

tion the sum of \$5 to cover the cost of examination.

Sec. 5. Be it further ordained, that any person carrying on the trade or profession of midwifery without complying with the terms of this ordinance or without a permit shall be guilty of a misdemeanor and shall be fined not less than \$5 nor more than \$50 for each time she has acted as a midwife without said permit. Any person acting as a midwife for hire or compensation shall be considered as carrying on the trade or

profession of midwifery.

Sec. 6. Be it further ordained, that any person practicing the profession of mid-wife shall be required to report to the superintendent of health all births in which she has in any way assisted, which report must be mailed to the superintendent of health within a week after said birth. A failure to make this report shall be a mis-demeanor and punishable by a fine of not less than \$5 nor more than \$50, and shall likewise, in the discretion of the superintendent of health, be a cause for the forfeiture of the permit issued to said midwife.

SEC. 7. Be it further ordained, that this ordinance take effect from and after its passage, the matter being one of necessity and the public welfare requiring it. [Ordi-

nance adopted Aug. 9, 1910.]

ST. PAUL, MINN.

LYING-IN HOUSES AND BOARDING PLACES FOR INFANTS-LICENSING AND REGULATION OF.

SEC. 1. That no person, partnership, association, or corporation shall establish, conduct, manage, or maintain in the city of St. Paul any lying-in house or boarding place for infants without first having obtained a license so to do as hereinafter pro-

vided.

SEC. 2. Any person, partnership, association, or corporation desiring a license for any of the purposes hereinbefore mentioned shall file with the city clerk of the city of St. Paul a written application therefor, which shall contain the nature of the business for which the license is desired, the location thereof, and the names of the persons or corporation interested therein. The city clerk shall thereupon forthwith transmit such application to the commissioner of health, who shall immediately investigate and report as to the suitability and sanitary condition of the premises described in such application, and as to the character and suitability of the persons to receive a license, and return such report to the city clerk, whereupon it shall be the duty of the city clerk to transmit such application and report to the next meeting of the common council for action, and if the common council is satisfied from such report and such other investigation as it may see fit to make that the applicants are proper persons to receive a license, and that the premises described in the application are suitable and sanitary, it may order the issuance of a license to such applicant for the period of one year, and thereupon the city clerk, upon payment of the fee herein required, shall issue such license. A license having once been issued may be renewed from time to time for a like period by the city clerk upon a favorable report similar to that above required from the commissioner of health without again referring the same to the common council, but if the commissioner of health at any time makes an unfavorable report upon the renewal of any such license, the same shall not be renewed without being referred to and authorized by the common council. annual fee for each of said licenses shall be the sum of \$10.

SEC. 3. All such licensees shall at all times allow the commissioner of health or any inspector under his jurisdiction free access to the premises for the purpose of inspection, and shall conform at all times to all reasonable rules and regulations for the conduct of such business which may be prescribed by the commissioner of health, and any failure in this respect or a violation of any other provision of this ordinance shall be sufficient cause for the revocation of such license and the forfeiture of the fee

SEC. 4. Any person who shall violate any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than \$100 or by imprisonment for not more than 30 days for each offense. [Ordinance adopted Sept. 15, 1910.]

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making and maintenance of a squirrel-free zone around the cities of California on San Francisco Bay 9,155 acres of land in Alameda County were covered with poison during the week ended December 2, 1911.

During the same period 4,590 acres of land in San Joaquin County

and 12,190 acres in Stanislaus County were covered with poison for the purpose of eradicating plague foci.

RECORD OF PLAGUE INFECTION.

			1	
Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found in- fected since May, 1907.
California: Cities—				
San Francisco	Jan. 30, 1908	Oct. 23, 1908	None	398 rats.
Oakland	Aug. 9, 1911	Dec. 1, 1908	do	126 rats.
Berkeley			do	None.
Los Angeles	Aug. 11, 1908	do	Aug. 21, 1908	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berke- ley).	Sept. 26, 1909	Wood rat, Oct. 17, 1909.	Oct. 9, 1911	114 squirrels and 1 wood rat.
Contra Costa	July 21, 1911	None	Sept. 23, 1911	364 squirrels.
Fresno	None	do		1 squirrel.
Merced				5 squirrels.
Monterey	do	do	Aug. 6, 1911	Do.
San Benito	June 5, 1910	do	June 8, 1911	22 squirrels.
San Joaquin	Sept. 18, 1911	do	Aug. 26, 1911	18 squirrels.
San Luis Obispo	None	do	Jan. 29, 1910	1 squirrel.
Santa Clara	Aug. 23, 1910	do	Oct. 5, 1910	23 squirrels.
Santa Cruz		do	May 17, 1910	3 squirrels.
Stanislaus	do	do	June 2, 1911	13 squirrels.
Washington:				
City—				
Seattle	Oct. 30, 1907	Sept. 21, 1911	None	25 rats.

RATS COLLECTED AND EXAMINED FOR PLAGUE INFECTION.

Places.	Week ended-	Found dead.	Total collected.	Exam- ined.	Found infected
California:					
Cities-	D 0 1011		1.07	10	
Berkeley	Dec. 2,1911	28	2 583	497	*******
Oakland San Francisco	do		3 1,309	944	
Fresno			4 59	59	
Counties-		********	0.0	0.0	
Fresno	do		5.7	7	
Santa Clara				62	
Stanislaus			7.30	30	
Washington:					
City-			850	=-0	
Seattle	do	*******	850	200	

- Identified: Mus norvegicus, 50; Mus musculus, 38.
 Identified: Mus norvegicus, 200; Mus musculus, 81; Mus rattus, 1; Mus alexandrinus, 1.
 Identified: Mus norvegicus, e27; Mus musculus, 328; Mus rattus, 207; Mus alexandrinus, 147.
 Identified: Mus alexandrinus, 56; Mus musculus, 3.
 Identified: Mus norvegicus, 60; Mus musculus, 1.
 Identified: Mus norvegicus, 60; Mus musculus, 2.
 Identified: Mus alexandrinus, 20; Mus musculus, 10.

SQUIRRELS COLLECTED AND EXAMINED FOR PLAGUE INFECTION.

Places.	Week ended—	Shot or trapped.	Found dead.	Exam- ined.	Found infected
California: Counties— Alameda. Fresno Merced. San Benito. San Joaquin. Stanislaus.		20 41 23 74 131	248	248 20 41 23 74 131	
Total		289	248	537	

OTHER ANIMALS COLLECTED AND EXAMINED.

Places.	Week ended—	eek ended— Animals collected,		Found infected.
California: Counties— Fresno. Merced. San Benito. Stan Joaquin. Stanislaus.	Dec. 2,1911do	10 rabbits. 7 rabbits. ft rabbit. tt chipmunk 7 rabbits. 11 rabbits.	10 7 1 1 7 11	
Total			37	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State:

REPORTS RECEIVED DURING WEEK ENDED DEC. 22, 1911.

Places.	Date.	Cases.	Deaths.		Remarks.
Howard	do	3 1 1 7 1			
Total for State	Nov. 1-30	13		No case.	
Minnesota: Counties— Clay Dodge Filmore Hennepin Ramsey Rice St. Louis Wabasha	Nov. 14-20 Nov. 21-27 Nov. 1-6 Nov. 14-20 Nov. 1-20 Nov. 1-6 Nov. 1-6 Nov. 14-20 Nov. 4-20	1 1 1 19 50 2 25 1			3
Total for State		100			

Reports Received During Week Ended Dec. 22, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Ohio:				
Counties—				
Ashtabula		1		
Defiance		72		
Franklin		2		
Hamilton	do	7		
Licking	do	1		
Lucas	do	1		
Morgan	do	7		
Total for State		91		
Oregon	Aug. 1-31	1		Not previously reported
New York:				
New York City	Oct. 1-31		1	Do.
North Dakota:				
Counties—				
Cavalier	Nov. 1-31	5		
Cass	do	1		
Foster	do	1		
Total for State		7		
	* 1 - 1 01	-		
Pennsylvania	July 1-31	7 3	********	
	Aug. 1-31	3	*******	
Total for State		10		
Tennessee:				
County-				
Shelby	Nov. 1-30	1		
Virginia: Counties—				
	do	4		
Lunenburg		4	*******	
Mecklenburg Nansemond	do	13	********	
		3		
Norfolk	do	3		
Northampton	do	4	*******	

Total for State		19		

REPORTS RECEIVED FROM JULY 1 TO DEC. 15, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama: Mobile Montgomery	June 18–24 June 25–Aug. 30	3 6		
Total for State		9		
Arizona: County— Cochise	July 1-31	7		Aug. 1-31, no cases.
California	June 1-30		2	
Alameda	Aug. 1-31 Aug. 1-Oct. 31	16		
Los Angeles	May 1-Oct. 31	13		
Marin Sacramento	Oct. 1-31	3		
San Bernardino	Aug. 1-Oct. 31	9		
Santa Cruz San Diego	May 1-31 May 1-July 31	2	********	
San Francisco	May 1-Sept. 30	8		
San Luis Obispo	Oct. 1-31	1		

Total for State......

SMALLPOX IN THE UNITED STATES-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
California—Continued.				
Counties—Continued.				
San Joaquin	Aug. 1-Sept. 30	2		
Siskiyou	Aug. 1-Oct. 31	3		
Tulare	Aug. 1-Oct. 31 Aug. 1-31 July 1-Aug. 31	1		
Ventura	July 1-Aug. 31	2		
Total for State		63	2	
olorado: Counties—				
Archuleta	Aug. 1-31	1		
Boulder	June 1-July 31 June 1-Nov. 30	3		
Chaffee	June 1-Nov. 30	4		
Clear Creek	June 1-July 31	8		
Conejos	do	4		
Costilla	June 1-30	1		
Delta	June 1-Nov. 30	7		
Denver	June 1-Nov. 30	56		
El Paso	June 1-Oct. 31	3	******	
Fremont	Aug. 1-Oct. 31	3		
Huerfano	June 1-Aug. 31 Aug. 1-Nov. 30 July 1-Oct. 31 June 1-Sept. 30	7		
Jefferson	Aug. 1-Nov. 30	2		
Kiowa	July 1-Oct. 31	8		
Lake	June 1-Sept. 30	10		
La Plata	June 1-July 31	7		
Larimer	June 1-Aug. 31	10		
Las Animas	Aug. 1-Nov. 30 June 1-30	4		
Lincoln	June 1-30	1		
Logan	Oct. 1-31			
Mesa	June 1-30 Aug. 1-31 July 1-31	1 3		
Morgan	Aug. 1-31	2		
Montrose	do	ī		
Otero Phillips	June 1-Oct. 31	2		
Pueblo	do	9		
Puebfo San Miguel	Iune 1-30	1		
Summit	Sept 1-Nov 30	7		
Washington	June 1-July 31	11		
Weld	June 1-30 Sept. 1-Nov. 30 June 1-July 31 July 1-Nov. 30	3		
	1			
Total for State	***************	181		
Connecticut:	Toler 1 Aug 21	2		
Middlesex County	July 1-Aug. 31			
District of Columbia	July 2-8	5		
Florida:				
Counties-				
Alachua	Aug. 20-Nov. 18	5	******	
Bradford	July 17-Sept. 30	8		
Citrus	July 9-Oct. 21	4		
Columbia	July 2-Nov. 11	2 7		
De Soto	June 16-Aug. 26		·····i	
Duval	June 16-Sept. 23	44	1	
Escambia	June 16-Aug. 26	72		
Gadsden	July 9-Sept. 28	3		
Hillshoro	June 16-Aug. 26 July 9-Sept. 23 June 16-Aug. 26 July 2-Sept. 30	57		
Jackson	Sent 16 Nov. 11	40		
JeffersonLeon	Sept. 16-Nov. 11 June 16-Nov. 11	12		
	July 9-16	1		
Levy	Sept. 10-16	2		
Madison Manatee	June 16-July 8	8		
Marion	July 9-Sept. 16			
Orange	June 16-July 16	2		
Pasco	July 9-16	20		
Polk	June 16-July 16	5		
Putnam	Nov. 5-11	2		
Santa Rosa	July 9-16	6		
Sumter	Aug. 1-6	1	*******	
Volusia	Aug. 1–6 July 9–16	1		
Washington	Aug. 1-Nov. 11	12		
705 4 - 1 A - 714 - 4 -		202	1	

Places.	Date.	Cases.	Deaths.	Remarks.
liana:				
Counties—				
Adams	Aug. 1-31	1		
Allen Bartholomew	Aug. 1–31	1		
Bartholomew	July 1-31	1		
Benton	. June 1-30	2		
Blackford	do	4		
Boone	. Aug. 1-31	1		
Cass	do	1 2	*******	
Clarke	July 1-31	7	********	
Delaware	June 1-30 June 1-Aug. 31	14		
Franklin	July 1-31	1	*******	
Henry	June 1-Sept. 30	3		
Howard	do	43		
Jay	June 1-30	2		
Lake	Aug. 1-31	3		
Laporte	. June 1-30	2		
Madison Marion	Inno 1-Ang 21	21		
Marion	do	4		
Orange	. Aug. 1-31	2	*******	
Parke	. June 1-July 31	4	********	
Pocov	lune 1_30	3		
Rush		3	******	
Shelby	June 1-30	3	********	
Tippecanoe	July 1-31 June 1-Sept. 30	2		
Tipton	. June 1-Sept. 30	7	*******	
Vanderburg	June 1-Aug. 31	1	1	
Vigo	. July 1-Sept. 30	25		
\. abash	June 1-30 June 1-July 31	2	*******	
Wayne	.] June 1-July 31	13	*******	
M-4-1 4 O4-4-		190	1	
Total for State		178	1	
	1			
Counties-	1			
Adams	June 1-July 31 June 1-30	19		
Appanoose	June 1-30	1		
Blackhawk	do	4		
Buchanan	Nov. 1-30	2	*******	
Butler	Oct. 1-Nov. 30	15		-
Calhoun	Nov. 1-30 June 1-Nov. 30	13	********	
Carroll	June 1-Nov. 30	4	********	
Clayton	Nov. 1-30	4	********	
Davis	June 1-30 June 1-July 31	3	********	
Decatur	June 1-July 31	2		
Fremont	June 1-Sept. 30 June 1-Nov. 30	11	********	
Henry	June 1-Nov. 30	4	********	
Jefferson	Nov. 1-30 July 1-31	7	********	
Johnson	July 1-31	13	********	
Lee	June 1-30	1	********	
Linn	July 1-Nov. 30	12	*******	
Madison	Sept. 1-Nov. 30 June 1-Aug. 31	4	******	
Marshall	June 1-Aug. 31	9	********	
Mills	June 1-30	1	1	
Polk	June 1-Sept. 30	14		
Pottawattamie	June 1-Nov. 30	64		
Scott	do	8	******	
Sioux	June 1-Nov. 30	12	********	
Taylor	June 1-Nov. 30	9	********	
Wapello	June 1-Aug. 31 June 1-30	5		
Wright	June 1-30	1	********	
Woodbury	July 1-31	1	*******	
Total for State		243	1	
	-			
5:				
ounties—	1			
Allen	May 1-31	.7		
Anderson	June 1-30	15	******	
Atchison	May 1-June 30	2		
Barton	Aug. 1-31 July 1-Sept. 30	8	*******	
Brown	Aug. 1-31	5	*******	
Clark	July 1-Sept. 30	6	*******	
Clay	May 1-31	1	*******	
Cloud	Sept. 1-30	1	*******	
Cowley	Sept. 1-30	3	********	
Crawford	May 1-July 31	19	********	
Dickinson	May 1-31	13		

Places.	Date.	Cases.	Deaths.	Remarks.
Kansas - Continued.				
Counties—Continued.				
Douglas	May 1-Aug. 31	5	********	
ElkEllsworth	May 1-Aug. 31 May 1-31	15		
Ellsworth	June 1-30	1		
Franklin			********	
Graham	May 1-31 May 1-Aug. 31 May 1-31 May 1-July 31 July 1-Aug. 31 May 1-June 30	3		
Harvey	May 1-Aug. 31	33	*******	
Haskell	May 1-31	19	********	
Jefferson	May 1-July 31	9		
Jewell	July 1-Aug. 31	7	*******	
Johnson	May 1-June 30	5		
Kearny	June 1-July 31	2 14		
Labette	June 1-July 31 May 1-Aug. 31 June 1-30 May 1-June 30	11		
Lane Leavenworth	Marc 1 June 20	3	*********	
Leavenworth	May 1-Julie 30	3		
Lyon Marion	May 1 21	3		
Marchall	May 1-31	3	********	
Marshall Miami Mitchell	do	3		
Mitchell	do	6	*********	
Montgomery	do	5		
Norton	Inno 30	9		
Norton Osage	May 1_31	i	3	
Pottawatomie	do	2		
Reno	do	3		
Republic	May 1-A119, 31	5		
Rice	June 30	13		
Riley	June 30 May 1-June 30	9		
Rooks	May 1-July 31	13		
Saline	May 1-Aug. 31 May 1-Sept. 30	8		
Saline	May 1-Sept. 30	23		
Shawnee Sherman Smith	May 1-Aug. 31	73	17	
Sherman	June 1-30	1	********	
Smith	May 1-31	18		
Thomas	do	2		
Washington Wyandotte	do	1		
Wwandatta	35 1 Com4 00	00		
w vandotte	May 1-Sept. 30	29		
			20	
Total for State		464	20	
Total for State	***************************************	464	20	
Total for State	***************************************	10		
Total for State	***************************************	464	20	
Total for State Centucky: Covington Louisville	July 2-22 May 1-Oct. 31	464 10 8		
Total for State	July 2-22 May 1-Oct. 31	10		
Total for State Centucky: Covington Louisville Total for State	July 2-22 May 1-Oct. 31	464 10 8		
Total for State Centucky: Covington Louisville Total for State Louisiana:	July 2-22 May 1-Oct. 31	464 10 8		
Total for State Centucky: Covington Louisville Total for State Parishes.—	July 2-22 May 1-Oct. 31	10 8 18		
Total for State Centucky: Covington Louisville Total for State Parishes.—	July 2-22 May 1-Oct. 31	10 8 18		
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes Ascension Morehouse	July 2-22 May 1-Oct. 31	10 8 18		
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans—	July 2-22	10 8 18		
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans—	July 2-22	10 8 18 21 4 8		
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans—	July 2-22	10 8 18 21 4 8 3		
Total for State entucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse	July 2-22	10 8 18 21 4 8		•
Total for State Centucky: Covington. Louisville. Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans. St. Tammany Tangipahoa	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30.	10 8 18 21 4 8 3 21		
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans—	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30.	10 8 18 21 4 8 3		
Total for State Sentucky: Covington Louisville Total for State Louisiana: Parishes Ascension Morehouse Orleans New Orleans St. Tammany Tangipahoa Total for State	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30.	10 8 18 21 4 8 3 21		July 1-31, no case
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30.	10 8 18 21 4 8 3 21		July 1-31, no case.
Total for State entucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties—	July 2-22	10 8 18 21 4 8 3 21		July 1-31, no case
Total for State entucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties—	July 2-22	10 8 18 21 4 8 8 3 21 57		July 1-31, no case
Total for State entucky: Covington Louisville Total for State Louisiana: Parishes Ascension Morehouse Orleans New Orleans St. Tammany Tangipahoa Total for State aine, entire State	July 2-22	10 8 18 21 4 4 8 3 21 57 3		July 1-31, no case
Total for State entucky: Covington Louisville Total for State Louisiana: Parishes Ascension Morehouse Orleans New Orleans St. Tammany Tangipahoa Total for State aine, entire State Counties Androscoggin Somerset	July 2-22	10 8 18 21 4 8 3 21 57 3 3		July 1-31, no case.
Total for State entucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties—	July 2-22	10 8 18 21 4 4 8 3 21 57 3		July 1-31, no case.
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse. Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Total for State	July 2-22	464 10 8 18 21 4 8 3 21 57		
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Counties—	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-30.	10 8 18 21 4 8 3 21 57 3 3		No case in August, Septemb
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Counties— Counties— Counties— Counties— Counties— Counties— Counties— Counties— Counties—	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-30.	464 10 8 18 21 4 8 3 21 57		
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Counties— Counties— Counties— Counties— Counties— Counties— Counties— Counties— Counties—	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-30.	10 8 18 21 4 8 3 21 57 3 3 3 6 6		No case in August, Septemb
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Counties—	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-30.	464 10 8 18 21 4 8 3 21 57 3 3 6		No case in August, Septemb
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Laine, entire State Counties— Androscoggin Somerset Total for State Total for State Counties— Androscoggin Somerset Total for State	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-30.	464 10 8 18 21 4 8 8 3 21 57 		No case in August, Septemb
Total for State Centucky: Covington Louisville Total for State Parishes— Ascension Morehouse Orleans— New Orleans. St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Counties— Frederick Frince Georges Washington	July 2-22	464 10 8 18 21 4 8 3 21 57 3 3 6		No case in August, Septemb
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Counties—	July 2-22	464 10 8 18 21 4 8 8 3 21 57 		No case in August, Septemb
Total for State Centucky: Covington Louisville Total for State Parishes Ascension Morehouse Orleans New Orleans St. Tammany Tangipahoa Total for State Counties Androscoggin Somerset Total for State Counties Total for State Total for State Counties Frederick Prince Georges Washington Total for State	July 2-22	464 10 8 18 21 4 8 8 3 21 57 		No case in August, September or October.
Total for State Centucky: Covington Louisville Total for State Parishes — Assension Morehouse Orleans — New Orleans St. Tammany Tangipahoa Total for State Counties — Androscoggin Somerset Total for State Total for State Counties — Frederick Prince Georges Washington Total for State Counties — Frederick Prince Georges Washington Total for State Counties —	July 2-22	464 10 8 18 21 4 8 8 3 21 57 		No case in August, September or October.
Total for State Centucky: Covington Louisville Total for State Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Total for State Counties— Yellow State Total for State Iaryland Counties— Frederick Prince Georges Washington Total for State Total for State Frederick Prince Georges Washington Total for State Total for State	July 2-22	464 10 8 18 21 4 8 3 21 57 3 3 3 1 1		No case in August, Septembe or October.
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Louisiana: Parishes— Androscoggin Somerset Total for State Louities— Androscoggin Somerset Total for State Laryland Counties— Frederick Prince Georges Washington Total for State Lassachusetts Lassachusetts Counties— Bristol Middlesex	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-July 31. June 1-July 31. July 1-31. June 1-30. Sept. 1-30. June 1-Nov. 30.	464 10 8 18 21 4 8 3 21 57 3 3 6		No case in August, Septembe or October.
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Louisiana: Parishes— Androscoggin Somerset Total for State Louities— Androscoggin Somerset Total for State Laryland Counties— Frederick Prince Georges Washington Total for State Lassachusetts Lassachusetts Counties— Bristol Middlesex	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-July 31. June 1-July 31. July 1-31. June 1-30. Sept. 1-30. June 1-Nov. 30.	464 10 8 18 21 4 8 3 21 57 3 3 3 1 1		No case in August, Septembe or October.
Total for State Centucky: Covington Louisville Total for State Louisiana: Parishes— Ascension Morehouse Orleans— New Orleans St. Tammany Tangipahoa Total for State Counties— Androscoggin Somerset Total for State Laryland Counties— Frederick Prince Georges Washington Total for State Laryland Counties— Frederick Prince Georges Washington Total for State Lassachusetts Counties— Bristol Middlesex	July 2-22. May 1-Oct. 31. Mar. 1-31. Apr. 1-30. June 25-Dec. 2. Mar. 1-31. Mar. 1-Apr. 30. Aug. 1-31. June 1-July 31. July 1-31. June 1-30. Sept. 1-30. Sept. 1-30. June 1-Nov. 30. Nov. 1-30.	464 10 8 18 21 4 8 3 21 57 3 3 6		No case in August, Septembe or October.

Places.	Date.	Cases.	Deaths.	Remarks.
Michigan:				
Counties-				
Antrim	June 1-30	2		
Berrien	Oet. 1-31	1		
Calhoun	June 1-July 31	12		
Cheboygan	July 1-31 Nov. 1-30	10	*******	
Crawford	Nov. 1-30	1		
Grand Traverse	June 1-Nov. 30	8	*******	
Gratiot	Aug. 1-Sept. 30	3		
Isabella	June 1-30	1		
Leelanau	NOV. 1-30	1		
Mackinae	June 1-Aug. 31	8	********	
Marquette	June 1-30 July 1-31 July 1-Nov. 30	1	*******	
Milford	July 1-31	1	********	
Montealm	July 1-Nov. 30	10		
Muskegon	July 1-31	- 2	********	
Oakland	June 1-30	1	*******	
Ontonagon	Nov. 1-30	2		
Ottawa	June 1-30	1		
Saginaw	Sept. 1-30	1		
St. Clair	June 1-Sept 30	23		
Shiawassee	June 1-Nov. 30	5		
Tuscola	Sept. 1-30	1		
Washtenaw	June 1-July 31	6		
Wayne	Sept. 1-30 June 1-July 31 June 1-Nov. 30	14		
		-		
Total for State	******	115		
finnesota:		4		
Counties-				
Ramsey	Mar. 1-31 May 1-31		1	
	May 1-31		1	
Brown	June 20-26	2		
Carver	June 1-5	1	********	
Chisago	Oct. 19-23 July 4-Sept. 25	1		
Dodge	July 4-Sept. 25	5		
Faribault	June 6-17	2	********	
Fillmore	June 6-Oct. 23	3		
Goodhue	July 25-31	1		
Hennepin	June 1-Oct. 30	60		
Houston	July 25-31	1		
Isanti	July 25-31 Oct. 24-30	î		
IsantiLac qui Parle	June 1-19	4		
Mille Lacs	June 1-5	i	********	
Otter Tail	June 1-Sept. 18	8		
Ramsey		130		
Redwood	Aug. 15-21. Aug. 29-Sept. 4 June 21-Oct. 23	1	********	
Rock	Aug 29-Sept 4	î	********	
St. Louis.	Iune 21-Oct 23	17		
Soott	Oct. 9-16	5	********	
Scott		3	********	
Wadena Yellow Medicine	July 11-Aug. 7	35	*******	
renow medicine	June 1-26	99	*******	
Total for State		282	2	
Missouri:				
Kansas City	June 1-Oct. 31	23	2	
Kansas CitySt. Louis	June 18-Sept. 2	2		
Total for State		25	2	
				Y 1 20 ma
IontanaCounties—	*******	******	*******	June 1-30, no case.
Beauerhead	Tealer 1 21	1		
Casasta	do.	1		
Beaverhead	do	4	******	
		1	******	
Park Powell	do			
rowell		2 3	*******	
Silver Bow	do		********	
Teton	do	3	********	
Yellowstone	do	1		
		16		
Total for State				
Nebraska:				
Nebraska: Lincoln	Feb. 1-Sept. 30	201		July 1-31, no case.
Nebraska: LincolnOmaha	June 19-Dec. 2	5		July 1-31, no case.
Nebraska: LincolnOmaha.	Feb. 1-Sept. 30 June 19-Dec. 2 Aug. 20-26			July 1-31, no case.
Nebraska: LincolnOmaha.	June 19-Dec. 2	5		July 1-31, no case.

SMALLPOX IN THE UNITED STATES-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
New Hampshire	June 9-Sept. 30	45		
New Jersey				No case in June, August, and
Counties-				October.
Cumberland	Sept. 1-30	1	1	
Middlesex	July 1-31	1	********	
M-1-1 f St-1-		2	-	
Total for State		2	1	
New York	June 1-30	1		
Counties—		-		
Albany	Sept. 1-30	2		
Cattaraugus	July 1-Oct. 31	10		
Erie	July 1-Oct. 31 June 1-Oct. 31 June 1-30	20	********	
Clinton	June 1-30	1		
Franklin Jefferson	Aug. 1–31	1		
Monroe	June 1-30	4		
New York	Oct. 1-31	1		
Onondaga	June 1-Aug. 31 June 1-30	10		
Otsego St. Lawrence	June 1-30	1		
St. Lawrence	do	4		
Schoharie	July 1-31 July 1-Sept. 30	11		
Steuben	July 1-Sept. 30	9		
Tioga Ulster	June 1–30	5		
Wayne	July 1–31	1	*********	
Wyoming	July 1-Oct. 31	7		
Total for State		90		
North Carolina:				
Counties Alamance	Tuno 1- July 21	2		
Anson	June 1-July 31 Sept. 1-Oct. 31 June 1-July 31	55		
Avery	June 1-July 31	56	*************	
Beaufort	Oct. 1-31.	1		
Bertie	June 1-July 31 June 1-Sept. 30	2		
Catawba	June 1-Sept. 30	3		
Chatham	June 1-Aug. 31	2		
Cleveland	Oct. 1-31	2 3	*********	
Craven	June 1-Sept 30	9		
Currituek	July 1-31	1	********	
Duplin		3		
Durham	July 1-Oct. 31 June 1-30	8		
Edgecombe	June 1-30	4		
Forsyth	Sept. 1-30	1		
Granville	July 1-Oct. 31	41	********	
Guilford Harnett	Aug. 1–31 Aug. 1–Sept. 30	3	*******	
Haywood	June 1-Oct. 31	8		
Henderson	June 1-30	4		
Hoke	Cant 1 Oat 21	8		
Iredell	Oct. 1-31	7		
Johnston	Oct. 1-31	1		
Lincoln	Sept. 1-Oct. 31	3		
McDowell	Aug. 1-31 Oct. 1-31	1		
Mecklenburg	July 1-Sont 30	10	********	
Mitchell	July 1-Sept. 30 Sept. 1-30	1		
Mitchell New Hanover Northampton	June 1-Oct. 31	8		
Northampton	June 1-Oct. 31 Oct. 1-31	1		
Pasquotank	June 1-30	2		
Pender		4		
Randolph	Sept. 1-30. July1-Sept. 30. Sept. 1-Oct. 31.	1		
RobesonRockingham	Sept 1 Oct 21	16		
Rowan	June 1-July 31	2		
Sampson	July 1-31	1		
Union	July 1-31 Oct. 1-31	1		
Vance	Aug. 1-Oct. 31 July 1-Aug. 31	22		
Warren	July 1-Aug. 31	11		
Wautauga	June 1-30 July 1-31	2		
Wavne Wilmington	July 1-31	1		
willington	do	3		
Vancer	Sont 1_Oct 21	4		
Yancey	Sept. 1-Oct. 31	4	*******	
Yancey Total for State	Sept. 1-Oct. 31	200		

	Date.	Cases.	Deaths.	Remarks.
North Dakota:				-1
Counties—				
Billings	June 1-July 31	8		
Cass	Aug. 1-Sept. 30	5		
Cavalier	Sept. 1-30	4		
Grand Forks	do	2	*******	
Lamoure	July 1-Sept. 30	7	********	
McKenzie	Aug. 1-31	i	********	
Morton	June 1-30	1		
Mountrail	Aug. 1–31	6		
Nelson	Aug. 1-31	4		
Ward	June 1-30	1	*******	
Total for State		39		
Ohd		_		
Ohio: Counties—				
Allen	Sept. 1-30	5		
Ashtabula	June 1-July 31		********	
Brown	June 1-30	4	*********	
Clark	July 1-31	19	********	
Clermont	June 1-30	3	********	
Defiance	June 1-Oct. 31	1		
Franklin	July 1-31	44	********	
Geauga	June 1-30	2	********	
Hamilton	July 1-Sept 30	21		
Licking	July 1-31	1	********	
	do		*******	
Lucas	July 1-Aug. 31	6	*******	
Pickaway	July 1-31	3		
Ross.	Aug. 1-31	9		
Sandusky	June 1-30	4	*******	
Sandusky	June 1-30		*******	
Total for State		149	*******	
Oklahoma:				
Counties-				
Beckham	Sept. 1-30	1		
Bryan	June 1-30	1	********	
Caddo	May 1-31	1		
Carter	June 1-30	1		
Cleveland	May 1-June 30	49	********	
Comanche	June 1-Aug. 31		*******	
Craig	June 1-30			
Custer	May 1-31	5		
Dewey	do	6		
Ellis	June 1-30	3		
Garvin	May 1-31	19		
Hackell		9		
Hughes	May 1-Aug. 31 May 1-June 30 May 1-31	4.		
Jefferson	May 1-June 30	7		
Johnson	May 1-31.			
Kay	do		*********	
Kingflsher	do	1		
Kiowa	do	î		
Le Flore	May 1-June 30	3		
Logan	June 1-30	1	********	
McClain	May 1-31			
McIntosh	do	1		
Nowata	May 1-June 30	2		
Okfuskee	May 1-31.	_		
Oklahoma	May 1-31 May 1-Sept. 30		********	
Pittsburg	June 1-30		*********	
Pontotoe	May 1-Sept. 30	6		
Pottawatomie	June 1-30			
Pushmataha	May 1-31	-		
	May 1-31 May 1-June 30	6	********	
Poger Mille	July 1-31	1		
Roger Mills		16	********	
Rogers	May 1-Iumo 20			
Rogers	May 1-June 30	- 9		
RogersSeminole	May 1-June 30	3		
RogersSeminole	May 1-June 30	11		•
Rogers Seminole Sequayah Tulsa Wagoner	May 1-June 30 Aug. 1-31 May 1-Aug. 31 May 1-31	11	• • • • • • • • •	•
Rogers Seminole Sequayah Tulsa Wagoner Washington	May 1-June 30 Aug. 1-31 May 1-Aug. 31 May 1-31 June 1-30	11 1	• • • • • • • • • • • • • • • • • • •	•
Rogers Seminole Sequayah Tulsa Wagoner Washington Washita	May 1-June 30	11 1 1 2	•••••	•
Rogers Seminole Sequayah Tulsa Wagoner Washington Washita	May 1-June 30 Aug. 1-31 May 1-Aug. 31 May 1-31 June 1-30	11 1		•
Rogers Seminole Sequayah Tulsa Wagoner Washington Washita	May 1-June 30	11 1 1 2 1		•

Places.	Date.	Cases.	Deaths.	Remarks.
Oregon: Counties—				
Counties-		_		
Baker	June 1-Sept. 30	5		
Benton	May 1-Oct. 31	2		
Coos	Aug. 1–31 Apr. 1–30 Aug. 1–Oct. 31	. 1		
Douglas	Apr. 1-30	1		
Grant	Aug. 1-Oct. 31	16		
Josephine	Aug. 1-31	1		
Lincoln	Oct. 1-31	2	*******	
Linn	Apr. 1-Oct. 31 May 1-31 Apr. 1-Sept. 30	3		
Morrow	May 1-31	1		
Multnomah	Apr. 1-Sept. 30	17	******	
Union	June 1-30	1		
Wasco	do	8	********	
Washington	Apr. 1-June 30	7	*******	
Yamhill	June 1-Sept. 30	2		
Total for State		67		
ennsylvania	May 1-June 30	79		
Rhode Island:				
Providence	June 15-Nov. 19	4		
Canth Carolina				
South Carolina:	July 99	1		
Port Royal	July 22	1	*******	
outh Dakota:				
Counties—				
Aurora	June 1-July 31	3		
Beadle	May 1-31	13		
Brookings	May 1-31	9	*********	
Brown	Apr. 1-June 30	10	*********	
Brule	Apr. 1-May 21	6	*******	
Brule	June 1-30 Oct, 1-31 June 1-Aug, 31 May 1-July 31	1		
Clay	Oct. 1-31	2		
Clay	June 1-Aug. 31	8		
Davison	May 1-July 31	8 7		
Day	June 1-30 June 1-Aug. 31 Apr. 1-May 31	1		
Dewey	June 1-Aug 31	5		
DeweyFall River	Apr 1-May 31	18		
Grant	do	4		
Hamilton	Sept. 1-30	1		
Hanson	May 1-31	1		
Hughes	May 1-31 June 1-30	1		
Hutchinson	Apr. 1-Sept. 30	4		
Torould	Apr. 1–Sept. 30 May 1–June 30	6		
Kingsbury Lawrence Lincoln	Apr. 1-May 31 Apr. 1-July 31	8		
Lawrence	Apr. 1-July 31	7		
Lincoln	Apr. 1-May 31	3		*
Lyman	Apr. 1-May 31	16	1	
McCook	do	11		
Miner	Apr. 1-June 30	5		
MinerMinnehaha	do	15		
Pennington	do	48		
Roberts	Sept 1-30	1		
Sanborn	May 1-31	3		
Spink	Apr. 1-Aug. 31	9		
Tripp	May 1-31	12		
Turner	July 1-31	5		
Total for State		243	1	
ennessee:		-		
Counties—				
Knox-				
Knoxville	June 18-July 22	9		
Shelby	June 1-Aug. 31	10		
		19		
Total for State			*******	
	May 1-31	12		
6X85	July 1-31	1	1	
	Sept. 1-30		6	
Counties-				
Brazoria	Aug. 1-Sept. 30	5		
Bell	June 1-30	2		
Cameron	May 1-Aug. 31	34		
Childress	June 1-30 May 1-31	1		
Collin	May 1-31	5		

Places.	Date.	Cases.	Deaths.	Remarks.
Texas—Continued.				
Counties—Continued.				
Dallas	May 1-31	13		
Denton Eastland	Apr. 1-May 31 Aug. 1-31 May 1-July 31 May 1-31 May 1-June 30	5		
Eastland	Aug. 1-31	5	********	
El Paso	May 1-July 31	11	*******	
Floyd	May 1-31	3		
Galveston	May 1-June 30	7		
Hale	Sept. 1-30 May 1-June 30 May 1-Aug. 31 May 1-31	1		
Hall	May 1-June 30	4		
Harris	May 1-Aug. 31	6	*******	
Hidalgo	May 1-31	3		
Hunt Marion.	June 1-July 31 May 1-31do	5		
Marion	May 1-31	1		
McLennan	do	1		
Navarro	do	32	*******	
Nueces	do	5	*******	
Tarrant	May 1-June 30	9	*******	
Titus	May 1-31	5	*******	
Victoria	July 1-31	1		
Wayne Wharton	June 1-30	5	********	
Wharton	Sept. 1-30	1	********	
Wichita	May 1-31	6	********	
Total for State		189	7	
	**************	100		
Itah: Counties—				
Beaver	May 1-July 31	18		
Boxelder	do	31	********	
Cache	May 1-June 30	14	********	
Carbon	May 1-Sent 30	118	2	•
Emery	May 1-Sept. 30 May 1-Oct. 31 May 1-Aug. 31	118	ī	
Garfield	May 1-Ang 31	20		
Juab	Inty 1-Sept 30	6		
Plute	July 1-Sept. 30 May 1-31 July 1-31 May 1-Oct. 31	9	***********	
Rich	July 1-31	16		
RichSalt Lake	May 1-Oct 31	45		
Sanpete	do	67		
Sevier	do	57		
Topolo	May 1-June 30 May 1-Oct. 31 May 1-July 31	33		
TooeleUinta.	May 1-Oct. 31	28		
Utah	May 1-Inly 31	18	i	
Washington	do	1		
Weber	do	11		
347				
Wayne	Oct. 1-31			
Wayne	Oct. 1-31	4		
Total for State	Oct. 1-31		4	
Total for State	Oct. 1-31	4	4	
Total for State Tirginia: Counties—	Oct. 1-31	615	4	
Total for State Firginia: Counties— Augusta	Oct. 1-31	615		
Total for State Firginia: Counties— Augusta Brunswick	Oct. 1-31	615		
Total for State Firginia: Counties— Augusta Brunswick	Aug. 1-Oct. 31 Mar. 1-Oct. 31 Way 1-Aug. 31	615 13 52 2		
Total for State Firginia: Counties— Augusta Brunswick Campbell. Chesterfield.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 Way 1-Aug. 31	13 52 2 1		
Total for State Tirginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddie	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31	13 52 2 1		
Total for State Tirginia: Counties— Augusta. Brunswick. Campbell. Chesterfield. Dinwiddie. Essex.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31	13 52 2 1		
Total for State lirginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddie Essex Fairfax	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31	13 52 2 1		
Total for State /irginia: Counties— Augusta. Brunswick. Campbell. Chesterfield. Dinwiddie. Essex. Fairfax Fauguer.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Mar. 1-Oct. 31 Apr. 1-May 30	13 52 2 1		
Total for State /irginia: Counties— Augusta. Brunswick. Campbell. Chesterfield. Dinwiddie. Essex. Fairfax Fauguer.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Mar. 1-Oct. 31 Apr. 1-May 30	13 52 2 1 19 1 8 6 2		
Total for State //irginia: Counties— Augusta Brunswick Campbell. Chesterfield. Dinwiddie. Essex. Fairfax. Fairfax. Fauquier Grayson. Greenesville.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May I-Aug. 31 Sept. 1-30 Apr. 1-May 31 Aug. 1-31 Apr. 1-May 30 Sept. 1-30 Apr. 1-May 30 Luly 1-31	133 522 2 1 199 11 88 6 62 4 4		
Total for State Zirginia: Counties— Augusta Brunswick. Campbell. Chesterfield. Dinwiddie. Essex Fairfax Fauquier. Grayson. Greenesville.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May I-Aug. 31 Sept. 1-30 Apr. 1-May 31 Aug. 1-31 Apr. 1-May 30 Sept. 1-30 Apr. 1-May 30 Luly 1-31	13 52 2 1 19 18 6 6 2 4 4		
Total for State 'irginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddle Essex Fairfax Fauquier Grayson Greenesville Halifax Hanover	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Apr. 1-May 30 Sept. 1-30 July 1-31 Aug. 1-31	13 52 2 1 19 1 8 6 2 4 4 1 3		
Total for State Irginia: Counties— Augusta. Brunswick. Campbell. Chesterfield. Dinwiddie. Essex. Fairfax Fauquier. Grayson. Greenesville. Halifax. Hanover.	Aug. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-Ott. 31. Apr. 1-Bay 30. Sept. 1-30. July 1-31. Mar. 1-July 31. Mar. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31.	13 52 2 1 1 1 8 6 6 2 4 4 1 1 3 17		
Total for State Irginia: Counties— Augusta. Brunswick. Campbell. Chesterfield. Dinwiddie. Essex. Fairfax Fauquier. Grayson. Greenesville. Halifax. Hanover.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Aug. 1-31 Mar. 1-Oct. 31 Apr. 1-May 30 Sept. 1-30 July 1-31 Aug. 1-31 Mar. 1-July 31 Mar. 1-Aug. 31 do.	13 52 2 1 19 1 8 6 2 4 4 1 3 177		
Total for State Irginia: Counties— Augusta. Brunswick. Campbell. Chesterfield. Dinwiddie. Essex. Fairfax Fauquier. Grayson. Greenesville. Halifax. Hanover.	Aug. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. May 1-31.	13 52 2 1 1 1 8 6 6 2 4 4 1 1 3 17 77 1		
Total for State Irginia: Counties— Augusta. Brunswick Campbell. Chesterfield Dinwiddie. Essex. Fairfax Fauquier Grayson Greenesville Halifax. Hanover Henrico. Henry Isle of Wight Lancaster.	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Aug. 1-31 Mar. 1-Oct. 31 Apr. 1-May 30 Sept. 1-30 July 1-31 Aug. 1-31 Mar. 1-July 31 Mar. 1-Aug. 31 do. May 1-31	13 52 2 1 19 18 6 6 2 4 1 1 7 7 7 7 7 1		
Total for State Irginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddle Essex Fairfax Fauquier Grayson Greenesville Halifax Hanover Henrico Henry Isle of Wight Lancaster Lee	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Apr. 1-May 30 Sept. 1-30 July 1-31 Aug. 1-31 Aug. 1-31 Aug. 1-31 Mar. 1-Aug. 31 do. May 1-31 Mar. 1-Oct. 31	133 522 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Total for State 'Irginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddie Essex Fairfax Fauquier Grayson Greenesville Halifax Hanover Henry Isle of Wight Lancaster Lee Loudoun	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Apr. 1-May 30 Sept. 1-30 July 1-31 Aug. 1-31 Aug. 1-31 Aug. 1-31 Mar. 1-Aug. 31 do. May 1-31 Mar. 1-Oct. 31	13 52 2 1 19 1 8 6 2 4 4 1 1 7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1		
Total for State Tirginia: Counties— Augusta Brunswick Campbell. Chesterfield Dinwiddie. Essex. Fairfax Fauquier Grayson Greenesville Halifax. Hanover Henry Isle of Wight Lancaster. Lee Loudoun	Aug. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Aug. 1-31. Mar. 1-Aug. 31. do. May 1-31. May 1-31. Mar. 1-Oct. 31. Mar. 1-Oct. 31. May 1-31. May 1-31. May 1-31. May 1-31. May 1-31. Mar. 1-Oct. 31.	133 522 1 199 1 1 8 6 6 2 4 4 1 3 3 17 77 77 1 1 1111 1 1 3 3 1 17		
Total for State Tirginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddie Essex. Fairfax Fauquier Grayson Greenesville Halifax. Hanover Henry Isle of Wight Lancaster Loe Loudoun Mecklenberg	Aug. 1-Oct. 31. Mar. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-Oct. 31. Agr. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. May 1-31. do. May 1-31. May 1-Oct. 31. Mar. 1-Oct. 31.	13 52 2 2 1 19 1 1 8 6 6 2 4 4 1 1 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1		
Total for State Virginia: Counties— Augusta Brunswick Campbell. Chesterfield Dinwiddie Essex. Fairfax Fauquier Grayson Greenesville Halifax. Hanover Henry Isle of Wight Lancaster Loe Loudoun Mecklenberg	Aug. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 33. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. May 1-31. do. May 1-31. Mar. 1-Oct. 31. Mar. 1-Sept. 30. Apr. 1-Oct. 31.	13 52 2 1 1 1 1 1 1 1 1 1 1 1 1 2 27 288		
Total for State Virginia: Counties— Augusta Brunswick Campbell. Chesterfield Dinwiddie Essex. Fairfax Fauquier Grayson Greenesville Halifax. Hanover Henry Isle of Wight Lancaster Loe Loudoun Mecklenberg	Aug. 1-Oct. 31. Mar. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-Oct. 31. Apr. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. Mar. 1-Oct. 31. Apr. 1-Oct. 31.	13 52 2 1 19 1 1 1 1 1 1 1 1 1 27 28 1		
Total for State Virginia: Counties— Augusta Brunswick Campbell. Chesterfield Dinwiddie Essex. Fairfax Fauquier Grayson Greenesville. Halifax. Hanover Henry Isle of Wight Lancaster. Lee Loudoun Mecklenberg Nansemond Norfolk Norfolk Northampton Page	Aug. 1-Oct. 31. Mar. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-Oct. 31. Apr. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. Mar. 1-Oct. 31. Apr. 1-Oct. 31.	13 52 2 1 1 1 8 6 6 2 4 4 1 1 1 1 1 1 1 1 1 1 1 2 2 8 1 8 1 8 8 1 8 1		
Total for State Virginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddle Essex Fairfax Fauquier Grayson Greenesville Halifax Hanover Henrico Henry Isle of Wight Lancaster Lee Loudoun Mecklenberg Nansemond Norfolk Norfolk Northampton Page Pittsylvania	Aug. 1-Oct. 31. Mar. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-Oct. 31. Apr. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. Mar. 1-Oct. 31. Apr. 1-Oct. 31.	13 52 2 1 19 18 6 6 2 2 4 4 1 1 3 117 777 77 1 1 1111 1 1 311 27 28 8 8 4 8 4 8 4		
Total for State 'Irginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddle Essex Fairfax Fauquier Grayson Greenesville Halifax Hanover Henrico Henry Isle of Wight Lancaster Lee Loudoun Mecklenberg Nansemond Norfolk Norfolk Northampton Page Pittsvivania	Aug. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 32. Sept. 1-30. July 1-31. Mar. 1-Oct. 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. May 1-31. Mar. 1-Oct. 31. Apr. 1-Oct. 31.	13 52 2 1 1 1 8 6 6 2 4 4 1 1 3 1 1 1 1 1 1 1 1 1 1 2 2 8 1 8 4 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 1 1		
Total for State Counties— Augusta Brunswick Campbell Chesterfield Dinwiddle Essex Fairfax Fauquier Grayson Greenesville Halifax Hanover Henrico Henry Isle of Wight Lancaster Lee Loudoun Mecklenberg Nansemond Norfolk Northampton Page Pittsylvania Prince William	Aug. 1-Oct. 31 Mar. 1-Oct. 31 May 1-Aug. 31 Sept. 1-30 Apr. 1-May 31 Apr. 1-May 31 Apr. 1-May 30 Sept. 1-30 July 1-31 Mar. 1-July 31 Mar. 1-July 31 Mar. 1-Aug. 31 do. May 1-31 Mar. 1-Oct. 31 Mar. 1-Oct. 31	13 52 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Total for State 'Irginia: Counties— Augusta Brunswick Campbell Chesterfield Dinwiddle Essex Fairfax Fauquier Grayson Greenesville Halifax Hanover Henrico Henry Isle of Wight Lancaster Lee Loudoun Mecklenberg Nansemond Norfolk Norfolk Northampton Page Pittsvivania	Aug. 1-Oct. 31. Mar. 1-Oct. 31. May 1-Aug. 31. Sept. 1-30. Apr. 1-May 31. Apr. 1-May 32. Sept. 1-30. July 1-31. Mar. 1-Oct. 31. Apr. 1-May 30. Sept. 1-30. July 1-31. Mar. 1-July 31. Mar. 1-July 31. Mar. 1-Aug. 31. do. May 1-31. Mar. 1-Oct. 31. Apr. 1-Oct. 31.	13 52 2 1 1 1 8 6 6 2 4 4 1 1 3 1 1 1 1 1 1 1 1 1 1 2 2 8 1 8 4 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 8 6 6 1 1 1 1		

Places.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Counties Continued.				1
Surry	Mar. 1-31	2		
Sussex	Mar. 1-June 30	7		
Wise	do	15		
Total for State		501		
Washington:				
Counties— Adams	June 1-30	1		1
Benton	July 1-31	2		
Chehalis	May 1-Aug. 31	5		
Chelan	do	3	********	*
Clallam	June 1-30	2		
Columbia	May 1-Sept. 30	6		
Cowlitz	do			
Ferry	Sept. 1-30	1		
Garfield	May 1-July 31	5		
King	May 1-Sept. 30	94		
Kitsap	June 1-30	2		
Kittitas	July 1-31	2		
Lewis	June 1-30	2		
Mason	May 1-June 30	33		
Okanogan	June 1-30	2		
Pend Oreille	Sept. 1-30	2		
Pierce	May 1-Sept. 30	13	********	
San Juan	May 1-31	1		
Skagit	May 1-Sept. 30	6	********	
Skamania	June 1-30	1		
Spokane	May 1-Sept. 30	16		
Thurston	May 1-31	1		
	do	5	********	
Whitman	do	17	*******	
Yakima	May 1-Sept. 30	99		
Total for State	**************	326		
Visconsin Counties—	*******			July 1-31, no cases.
Adams	Nov. 1-30	1		
Ashland	June 1-30	1		
Barron	June 1-Aug. 31			
Bayfield	Oct. 1-Nov. 30		********	
Dane	Nov. 1-30	36	********	
Douglas	June 1-Nov. 30	110		
Iowa	June 1-30	8	*******	
La Crosse	Nov. 1-30	1	*******	
Milwaukee	June 1-30	1		
Outagamie	Nov. 1-30	2	********	
Pierce	Aug. 1-Sept. 30	10	********	
Rock	July 1-Nov. 30 June 1-30	3		
Vilas	Oct. 1-31	1		
Winnebago Wood	June 1-Nov. 30	21		
Total for State		205		
Grand total for the United States		5, 337	42	

CHOLERA IN THE UNITED STATES.

Reports Received from June 5 to Dec. 15, 1911.

			-	
Places.	Date.	Cases.	Deaths.	Remarks.
Massachusetts:				
Boston New York:	July 20	1	1	Removed to quarantine station at Gallups Island.
Auburn	June 30-July 1	1	1	From steamship Duca degli Abruzzi, from Genoa and Naples.
Brooklyn	June 30-July 4	1	1	From steamship Duca degli Abruzzi, Removed to quar- antine.
New York City New York quarantine	July 19-22 June 5-Aug. 19	18	13	Removed to quarantine. Case June 5-July 18 from steam- ship Europa, from Genoa and Naples. Case July 11 from steamship Carpathia, from Tri-
				este, Fiume, and Italian ports. 5 cases June 18-July 21 among passengers from steamship Duca degli Abruzzi. 9 cases July 12-31 among passengers from steamship Moitke, from Genoa, Naples, and Palermo. 1 case from steamship Konig Albert, from Genoa, Naples, Palermo, and Gibraltar. 1 case Aug. 16 from steamship Re d'Italia.
Staten Island	July 14-15	1	********	Removed to quarantine.

PLAGUE IN THE UNITED STATES.

REPORTS RECEIVED FROM JULY 25 TO DEC. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California: Counties— Alameda— Oakland Contra Costa	Aug. 9	1 1 1	1	Infection received at Pinole Can- yon, Contra Costa County, Cal. 1 mile nw. of Lafayette. 2 miles n. e. of Ripon.

MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED DEC. 2, 1911.

	Popula- tion, United	Total deaths	Dip	ph- ria.	Mea	ısles.	Sca	rlet er.		all- ox.		ber- osis.	ph	ver.
Cities.	States census 1910.	from all causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Савея.	Deaths.	Cases.	Deaths.
Cities having over 500,000 inhabitants.														
Baltimore, Md	558, 485 670, 585 2, 185, 283 560, 663 4, 766, 883 1, 549, 008 533, 905	195 191 537 121 1, 291 495 160	42 50 181 38 219 73 36	3 21 3 24 12 4	8 28 20 15 251 9 11	i 1	23 20 109 28 161 23 20	2 7 3 4 1		* * * * * * * * * * * * * * * * * * *	28 38 99 20 332 75 20	23 19 68 14 158 60 18	23 12 34 7 82 16 10	L
St. Louis, Mo	687,029	238	37	2	5		15	2	****	****	41	14	8	***

MORBIDITY AND MORTALITY-Continued.

Morbidity and mortality table, cities of the United States, for week ended Dec. 2, 1911—Continued.

	Popula- tion, United	Total deaths		ph- ria.	Mea	ısles.	Sca	rlet er.		all- ox.		ber- osis.	ph fer	y- oid er.
Cities.	States census 1910.	from all causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 300,000 to 500,000 inhabitants.														
Cincinnati, Ohio	364, 463 465, 766 319, 198 373, 857 347, 469 339, 075 416, 912	129 137 102 96 94 126 164	22 37 28 23 49 7 7	5 4 2	3 1 15 67	3	19 15 18 26 19 9	3	2 2 1 2 1	2	31 3 10 26 31 33	17 3 11 16 8	15 20 5 5 8	
Cities having from 200,000 to 300,000 inhabitants.														
Jersey City, N. J Providence, R. I Seattle, Wash	267, 779 224, 326 237, 194	77 67	21 7	1 2	5 3		11 1				4	5 9 8	3 8	
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn. Cambridge, Mass. Columbus, Ohio. Dayton, Ohio. Fall River, Mass. Grand Rapids, Mich. Lowell, Mass. Nashville, Tenn. Omaha, Nebr Spokane, Wash Toledo, Ohio. Worcester, Mass.	102, 054 104, 839 181, 548 116, 577 119, 295 112, 571 106, 294 110, 364 124, 096 104, 402 168, 497 145, 986	19 29 55 48 33 24 28 36 52 45 42	4 7 16 1 3 8 1 6	1 1 1 1	4	2	1 7 21 1 4 11 5 5 4 11 9		1 3		4 5 6 1 3 1 1 2 2	2 3 6 4 4 2 2 6 2 2 4 1	1 1 2 5 1 2 1 7	3
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa. Bayonne, N. J. Bayonne, N. J. Brockton, Mass. Jamden, N. J. Zovington, Ky. Duluth, Minn. Zilizabeth, N. J. Zvansville, Ind. Jarrisburg, Pa. Jartford, Conn. Joboken, N. J. Jouston, Tex. ohnstown, Pa. Cansas City, Kans. Awrence, Mass. Awrence, Mass. Jone Mass. Jon	52, 127 55, 545 56, 878 94, 538 53, 270 78, 466 66, 525 69, 647 64, 186 98, 915 70, 324 78, 800 55, 482 82, 331 85, 892 89, 336 70, 063 96, 652 64, 205 54, 773 51, 622 66, 930 96, 614 72, 826 53, 684 51, 678 88, 926	14 13 12 10 20 12 24 29 27 31 11 26 18 19 11 24 19 20 15 19 21 22 47 29 27 31 11 11 26 18 18 19 20 19 21 21 21 21 21 21 21 21 21 21	6 2 3 5 3 3 5 2 3 1 2 2 3 10 2 7	2	12		1 1 9 1 2 6 3 8 1 1 1 2	i	1		1 2 1 3 1 1 1 1 1 1 5 5 2 2 2 1 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 1 1 2 3 3 1 3 4 4 1 1 2 2 1 1 3 2 1 5 2 2 1 3 3 2	1 3 3 3 1 2 3 3 4 2 2 1 5 3 3	1
rerre Haute, Ind Prenton, N. J Vilkes-Barre, Pa Vilmington, Del Vonkers, N. Y	58, 157 96, 815 67, 105 87, 411 79, 803	31 19 28 15	3 2	1	15		2				3	1 1 1 1 2	32 	

MORBIDITY AND MORTALITY-Continued.

Morbidity and mortality table, cities of the United States, for week ended Dec. 2, 1911—Continued.

Cities.	tion, United	Total deaths	the	ph- ria.	Mea	sles.	Scar		Sm		culo	er- sis.	pho	y- old er.
	States census 1910.	from all causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 25,000 to 50,000 inhabitants.														
Atlantic City, N. J	46, 150	9	1	1		****								
Atlantic City, N. J Berkeley, Cal Binghamton, N. Y	40, 434 48, 443	8 22	2				1				i		****	****
Brookline, Mass	27, 792	8	5				1				1			
Butte, Mont Chelsea, Mass	39, 165 32, 452	18 14	2		1		5				''i'	1	1	****
Chicopee, Mass	25, 401		2									1		
Chicopee, Mass	27,871	6	2		i	****				****	*****	1	****	
Dubuque, IowaEast Orange, N. JElmira, N. YEl Paso, TexEverett, Mass	38, 494 34, 371	5	5		*****			****						
Elmira, N. Y	37, 176 39, 279	8	2											1
El Paso, Tex	39, 279 33, 484	22				1	3	****	1	• • • • • • • • • • • • • • • • • • • •	3	1	1	***
	44, 115	5 8	2		2		4				3		1	
Knoxville, Tenn La Crosse, Wis. Lancaster, Pa. Lexington, Ky.	36, 346	15	2				2				1 5	1		
La Crosse, Wis	30, 417 47, 227	4	1 7	****	1	****	2	****	14		1			****
Lexington, Ky	35,099	11	2	1			1			****	5	.1		
Lima, Ohio Lynchburg, Va	30,508	8	3										****	
Malden, Mass	29, 494 44, 404	12	9	****		****	i	****	****		2 5	1		
Montgomery, Ala	38, 136	17	3				3					2	1	
Mount Vernon, N. Y	30, 919 36, 280		1 8		6							*****	12	
Mount Vernon, N. Y. Newcastle, Pa. Newport, Ky. Newton, Mass. Niagara Falls, N. Y. Norristown, Pa. Orange, N. J. Pittsfield, Mass. Portsmouth Va.	30, 309	9	3	****		****	-		****	****	2	2	12	
Newton, Mass	39,806	8			3		1				1		1	
Niagara Falls, N. Y	30, 445	8	1	1							2	1	3 2	
Orange N. J.	27,875 29,630	6 5	4	****					****		1	1		
Pittsfield, Mass	32, 121	8	1										2	
Portsmouth, Va Racine, Wis	33, 190 38, 002	10	5		1	****				****	*****	1 2	****	
Roanoke, Va	34,874	14	7	1	6	****	2				2	4	2	
Roanoke, Va	45, 401	20					3				2	1	9	
San Diego, Cal	39,578 26,259	16	3	1		****		****		****	****	*****	****	
Superior, Wis	40, 384	10	4						13		1			
l'aunton, Mass	40, 384 34, 259	13					2				1	···i	1	1
Waltham, Mass	27,834 35,403	5	1		0	****	1		****	****			1	
Wheeling, W. Va	41,641	16	3	****							3	3	1	
Williamsport, Pa	31,860 25,748	14	1		1		1				****	1 2	****	
Rockford, III. San Diego, Cal. South Omaha, Nebr Superior, Wis. Faunton, Mass Waltham, Mass West Hoboken, N. J Wheeling, W. Va Williamsport, Pa Williamington, N. C	44,750	15	2	****	*****	****		****	1		3		1	
Zanesville, Ohio	28,026	9	4			****						1	9	1
Cities having less than 25,000 inhabitants.														
Ann Arbor Mich	14,817	4				****	1			****	****			
Beaver Falls, Pa Bennington, Vt Braddock, Pa	12, 191	0	1				1						2	
Braddock Pa	19,957	5 12	2	****	9	****	****			****	1		****	
Butler, Pa	20,782	7	2				2		****				1	
Butler, Paambridge, Ohio	11,327	3			···i	****			****	****		*****	1	****
Carbondale, Pa	17,040 13,075	4	*****						****	****		2		
offeyville, Kansolumbus, Gaolumbus, Ind	12,687		1				1				1			
olumbus, Ga	20,554	8 2				8 5 8 8		****	****	****		1	****	1
Sumberland, Md	21,839	6					2		****		3		7	
Dunkirk, N. Y		5	1				2				3		2	
alesburg, Ill	22,089 15,895	6 9	1 2	****			1	****	1	****	*****	****		,
Oumbors, Md. Dunkirk, N. Y. Falesburg, Ill Greensboro, N. C. Larrison, N. J.	14, 498	4												
Homestead, Pa	18,713 15,507	6 3	4	1		****	1							

MORBIDITY AND MORTALITY-Continued.

Morbidity and mortality table, cities of the United States, for week ended Dec. 2, 1911—Continued.

GH4	Popula- tion, United	Total deaths from	Dip		Mea	sles.	Sea			nall- ox.		ber- osis.	ph	y- oid er.
Cities.	States census 1910.	census all	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths
Cities having less than 25,000 inhabitants—Continued.	•													
Kearny, N. J	18,659	7	2		2									
Cokomo, Ind	17,012	2									5			
a Fayette, Ind	12,081	5									1			**
ebanon, Pa	19,240		6	1							12			
arinette, Wis	14,610	1		****	6								7	
arlboro, Mass	14, 479	4	1										****	
lassillon, Ohio	13,879	5	2								2			
ledford, Mass	23,150	4									1			
elrose, Mass	15,715	4												
oline, Ill	24, 199	3	5											
ontelair, N. J	21, 150	2	1								1		1	
orristown, N. J	12,507	6												
anticoke, Pa	18,857	3			14								1	
ewburyport, Mass	19,940	4									1		-	* -
orth Adams, Mass	22,019	4												
orthampton, Mass	19, 431	10	1	****		****	1	****		****		1		
ttumwa. Iowa	22.012	1	-									-		* *
almer, Mass		1											****	**
ekskill, N. Y		1												* *
lainfield, N. J.	22, 550	1		****										
ottstown, Pa		2										*****		**
ratoga Springs, N. Y		3									4			
outh Bethlehem, Pa	19.973				9									* *
					2						1			
eelton, Pa	14, 246	2 2	2			****					1		****	
arren, Ohio	11,080	2				****		****					****	**
Vilkinsburg, Pa	18,924		****	****		****								
Voburn, Mass	15,508	5					1				1		****	

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES OF THE UNITED STATES (untabulated).

FLORIDA.—Week ended December 2, 1911. Reports from the State board of health show diphtheria present in 7 localities with 10 cases, malaria in 4 localities with 12 cases, tuberculosis in 3 localities with 4 cases, typhoid fever in 3 localities with 3 cases.

Massachusetts.—Week ended October 7, 1911. Population of reporting towns, 2,252,568. Total number of deaths from all causes 631, including diphtheria 10, measles 1, tuberculosis 60, typhoid fever 8. Cases reported: Diphtheria 136, measles 75, scarlet fever 100, tuberculosis 95, typhoid fever 113.

Week ended October 14, 1911. Population of reporting towns, 2,539,493. Total number of deaths from all causes 647, including diphtheria 7, measles 1, scarlet fever 1, tuberculosis 52, typhoid fever 7. Cases reported: Diphtheria 166, measles 122, scarlet fever 91, tuberculosis 128, typhoid fever 61.

Week ended October 21, 1911. Population of reporting towns, 2,536,524. Total number of deaths from all causes 617, including diphtheria 7, scarlet fever 1, tuberculosis 47, typhoid fever 9. Cases

reported: Diphtheria 161, measles 89, scarlet fever 123, tuberculosis 122, typhoid fever 69.

Week ended October 28, 1911. Population of reporting towns, 2,524,905. Total number of deaths from all causes 623, including diphtheria 5, measles 3, tuberculosis 60, typhoid fever 7. Cases reported: Diphtheria 179, measles 101, scarlet fever 124, tuberculosis 151, typhoid fever 60.

MICHIGAN.—Month of October, 1911. Population, 2,810,173. Total number of deaths from all causes 2,762, including diphtheria 61, measles 3, scarlet fever 12, tuberculosis 179, typhoid fever 61.

New York.—Month of October, 1911. Population, 9,113,614. Total number of deaths from all causes 10,509, including diphtheria 126, measles 17, scarlet fever 29, smallpox 1, tuberculosis 1,170, typhoid fever 142. Cases reported: Diphtheria 1,427, measles 735, scarlet fever 852, smallpox 9, tuberculosis (pulmonary or laryngeal) 2,189, typhoid fever 885.

OREGON.—Month of July, 1911. Population, 672,675. Total number of deaths from all causes 495, including scarlet fever 4, tuberculosis 46, typhoid fever 7. Cases reported: Diphtheria 34, measles 42, scarlet fever 69, smallpox 8, tuberculosis 12, typhoid fever 20.

Month of August, 1911. Total number of deaths from all causes 480, including diphtheria 2, searlet fever 2, tuberculosis 37, typhoid fever 7. Cases reported: Diphtheria 15, measles 16, scarlet fever 20, smallpox 11, tuberculosis 9, typhoid fever 32.

Month of September, 1911. Total number of deaths from all causes 436, including diphtheria 1, tuberculosis 42, typhoid fever 12. Cases reported: Diphtheria 15, measles 7, scarlet fever 27, smallpox 15, tuberculosis 13, typhoid fever 67.

For report of morbidity, month of October, 1911, see Public Health Reports, Dec. 8, 1911, p. 1948.

FOREIGN AND INSULAR.

AUSTRIA-HUNGARY.

Status of Cholera.

The following information was received from Ambassador Kerens, at Vienna: During the period from November 5 to 11, 47 new cases of cholera with 10 deaths were reported in Hungary. These cases occurred in 11 localities.

CHINA.

Hongkong-Plague.

Surg. Brown reports November 6: During the week ended November 4, 1 case of plague with 1 death was reported at Hongkong.

ECUADOR.

Plague and Yellow Fever.

During the two weeks ended November 15, plague and yellow fever were reported by the director of public health of Ecuador as follows:

Plague.—At Guayaquil, 57 cases with 22 deaths.

Yellow fever.—At Bucay, 3 cases with 3 deaths; at Chobo, 1 case; at Milagro, 1 case with 1 death; at Guayaquil, 7 cases with 2 deaths; at Naranjito, 1 case with 1 death.

HAWAII.

Honolulu-Smallpox at Quarantine.

Chief Quarantine Officer Ramus reports the occurrence of 7 new cases of smallpox at quarantine. Of these cases 2 occurred on December 17 and 5 on December 18. The total number of cases reported since December 4 is 31 with 2 deaths.

The cases occurred among passengers removed to quarantine from

the steamship Willesden.

INDIA.

Calcutta-Cholera and Plague.

Acting Asst. Surg. Allan reports November 16: During the week ended October 28, 104 deaths from cholera and 1 death from plague were reported in Calcutta; in all Bengal, 116 cases of plague with 64 deaths; in all India, 11,237 cases of plague with 8,467 deaths.

Madras-Cholera.

Consul Olivares reports November 14: During the week ended November 11, 67 cases of cholera with 52 deaths were reported in the city of Madras as compared with 90 cases with 70 deaths which occurred during the preceding week. The epidemic has, however, spread from the Hindu quarter throughout the city, attacking all classes equally.

(2042)

A decrease in the prevalence of cholera was reported in the district of Madura, 82 cases with 35 deaths having been reported during the week under report as compared with 116 cases with 49 deaths reported during the preceding week.

Results of Preventive Inoculation.

Consul Olivares further reports: Thirty-nine fatal cases of plague were officially reported among 91,065 persons inoculated against plague in the United Provinces during the year 1910.

ITALY.

Naples-Examination of Emigrants.

Passed Asst. Surg. Robinson reports November 28: Vessels inspected at Naples and Palermo week ended November 25:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected
Nov. 20 20 21 21 21 21 22 22	Oceania. Luisiana. Pannonia. Cincinnati. Cretic. Duca degli Abruzzi. Ancona.	dododododo	542	250 110 150 140 250 270	1, 186 836 856 726 1, 136 1, 056
	Total		4, 198	1, 170	5,760

Nov. 21 22 24	Martha Washington Cretic Giulia	do	54	50	100
	Total		54	50	100

MEXICO.

Typhus Fever.

At Aguascalientes, Vice Consul Bretherton reported the occurrence of 4 deaths from typhus fever during the three weeks ended November 4, and at Mexico City, Vice Consul Guyant reported 67 cases with 16 deaths during the two weeks ended October 28.

PHILIPPINE ISLANDS.

Status of Cholera.

Acting Chief Quarantine Officer Fox at Manila reports: In Union Province 2 cases of cholera with 2 deaths occurred during the week ended October 21, and 9 cases with 9 deaths during the week ended October 28.

SERVIA.

Status of Cholera.

Consul Bergh at Belgrade reports: During the period from November 9 to 16, 11 cases of cholera with 3 deaths were reported in Servia. The cases occurred in 4 districts.

TURKEY IN ASIA.

Cholera at Adana.

Consul Nathan reports that six new cases of cholera were reported at Adana November 14. Three deaths from cholera were reported previously. The disease first appeared at Ak Kopru among workmen employed on the new Bagdad railroad and from that point it spread to the city of Adana.

URUGUAY.

Compulsory Vaccination.

The following information was received December 10 from Consul

Goding at Montevideo:

Under a recently enacted law vaccination against smallpox is made obligatory in Uruguay as regards minors, the Government to provide the animal lymph. It is provided that children shall be vaccinated during the first six months, a second vaccination to be performed in 10 years, and a third during the twentieth year of life, the legal custodians of the child being held responsible for the fulfillment of the law. No one may enter the army, police force, health service, educational institutions, or the municipal abattoir who has not been vaccinated and revaccinated. Notice will be given to those infringing this law, and if such persons fail to comply with the provisions of the law they will be subject to a fine and one day's imprisonment, the penalty to be repeated every month until the provisions have been complied with. The enforcement of the law is placed with the national department of hygiene and the municipal authorities of Montevideo.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

REPORTS RECEIVED DURING WEEK ENDED DEC. 22, 1911.

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State, and from other sources.]

Places.	Date.	Cases.	Deaths.	Remarks.
India:	Oct 90 Nov. 4		150	
Madras		167	152 126	Madras presidency, Oct. 1-31 Cases 3,043, deaths 1,675.
Indo-China:				Cabo ojovoj acasto zjoro.
Saigon	. Oct. 23-29	2	2	
Italy	. Nov. 12-18	94	51	
Provinces—				
Catania	do	86	49	
Rome	do	8	2	
Java:				
Batavia	. Oct. 29-Nov. 4	10	2	
Philippine Islands: Provinces—				
Union	. Oct. 15-28	11	11	
Siam:				
Bangkok	. Oct. 8-Nov. 4		51	
Turkey in Asia:	. ocuro mon mini		-	
Haifa	Nov. 13-26	2	2	
Jaffa		3	2	
Medina		36	24	
Mekka	Oct. 2-Nov. 21	184	50	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX-Continued.

Reports Received During Week Ended Dec. 22, 1911.

VELLOW FEVER

		,		
Places.	Date.	Cases.	Deaths.	Remarks
Brazil: Para	Nov. 19-25	1	1	
	PLA	GUE.		
Chile:		1	1	1
Iquique	Nov. 5-11	4	1	
HongkongIndia:	Oct. 29-Dec. 4	1	1	
Calcutta Karachi Indo-China:	Oct. 22-Nov. 4 Nov. 5-18	14	12	
SaigonJava:	Oct. 23-29	4		
Pasoeroean Residency	Oct. 29-Nov. 4	9	3	
	SMAL	LPOX.		
Argentina:				
Rosario	Sept. 1-30 Nov. 19-25		37	
Silesia China: Canton.		15	3	
Gibraltar	Oct. 29-Nov. 11 Nov. 27-Dec. 3	2		
HonoluluIndia:	Dec. 17-18	7	2	
Madras Indo-China:	Nov. 12-18	13	5	
Saigon	Oct. 23-29	1		
Naples. Palermo	Oct. 21-Nov. 18 Nov. 19-25 Nov. 12-25	11 562	1 1 178	
Japan: Yokohama	Nov. 15-20	1		
Java: Batavia	Oct. 29-Nov. 4 Nov. 19-25	4	1	
Malta Mexico: Mazatlan	Nov. 29-Dec. 5	1	2	
Tapachula Portuguese East Africa:	Oct. 1-31		5	
Lourenco Marquez Russia:	Sept. 1-30	3	1	
Odessa	Nov. 12-25 Nov. 5-18 Oct. 29-Nov. 4	15 50	23	1
WarsawBiam: Bangkok	Oct. 8-Nov. 4		71	
Spain: Malaga	Oct. 1-31		24	Dec. 12, present.
Valencia	Nov. 19-25	10	3	
Zurich, canton Furkey in Asia:	Nov. 12-18 Nov. 19-25	1 12	4	
Beirut	Nov. 19-23	12		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX-Continued.

REPORTS RECEIVED FROM JULY 1 TO DEC. 15, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers	Sept. 1-30	1	1	
Arabia:				
Hodeida	June 16-30	21	17	Among the civil and the military population. Aug. 5, present
				among troops
Austria-Hungary				among troops. Total Austria-Hungary, exclusive of Hungary, May 24-Oct. 29, 86 cases, 38 deaths; and in
Austra-mangary				sive of Hungary, May 24-Oct.
				29, 86 cases, 38 deaths; and in
				Hungary, Aug. 9-Nov. 4:
				Cases, 195.
Coastland				Hungary, Aug. 9-Nov. 4: Cases, 195. Total May 24-Oct. 29, 1911: Cases, 68; deaths, 30.
				68; deaths, 30.
Capodistria	July 24-Sept. 17	12	6	
Cittanova	Aug. 21-Sept. 17	1 2	1 1	
Muggia	Aug. 21-Sept. 17 Aug. 7-13 May 24-Oct. 29	11	6	
Parenzo	June 4-Aug. 26	42	16	
Trieste Croatia and Slavonia	June 4-Aug. 20	70	10	Total, Aug. 9-Oct. 22, 1911:
Croatia and Siavonia				Cases, 37; deaths, 8.
Draga	Sept. 7	5		caze, or, acades, or
Fiume	Sept. 7	4		
Villages in vicinity.	Aug. 18-Sept. 9	10	6	
Krimeja	Sept. 7	2		
Kiskozeg	Oct. 14-22	2		
Krizovljan	Aug. 28-Sept. 13 Aug. 9-Sept. 19 Oct. 14-22 Sept. 9-16	2		
Krusedal	Aug. 9-Sept. 19	ī		
Martinci Nagykeszi	Oct. 14-22	3		
Nagykeszi	Sept. 9-16	1		
Semlin	Sept. Idanosassas			
Susak	Aug. 28-Sept. 19 Sept. 8-9	2	2	
Vulkovar	Sept. 5-9	•		Total, cases 10; deaths, 4.
Arbe	Aug. 21-Sept. 17	6	3	Total, Cases 10, deatils, 4.
Cattaro	July 6-20	4	i	
Hungary	any o zonini			Total. Aug. 9-Nov. 18, 1911
Hungary				Total, Aug. 9-Nov. 18, 1911 Cases, 252, deaths 104.
Districts-				
Baranya	Sept. 16-Oct. 14	8	1	
Bacs-Bodrog	Aug. 24-Nov. 18	24	8	Including Czarp.
Esztergom-Gram Fejer-Weissenburg.	Aug. 24-Nov. 18 Sept. 16-23 Sept. 16-Oct. 14 Sept. 9-Oct. 24	1	1	
Fejer-Weissenburg.	Sept. 16-Oct. 14	7	2	
Komarom-Komorn	Sept. 9-Oct. 24	17	11	Including Nagykeszi.
Krasso-Sezoreny Moson-Weiselburg	Sept. 24-Nov. 11	24	11	
Moson-Weiselburg	Sept. 16-Oct. 28	18	5	Including Budafolk.
Pest-Pilis	Aug. 24-Nov. 11	19	6	including budaloik.
Budapest	Aug. 24-Nov. 15	34	26	
Ujpest	Aug 24-Sept 0	3	20	Including Suly.
Poszony Stuhlweiselburg	Sept. 9-Oct. 24 Sept. 24-Nov. 11 Sept. 16-Oct. 28 Aug. 24-Nov. 11 Aug. 24-Nov. 18 Aug. 24-Oct. 7 Aug. 24-Sept. 9 Sept. 7-15.	1	1	including bury.
Temes	Sept. 7-15 Nov. 12-18 Oct. 1-Nov. 18			
Torontal	Oct. 1-Nov. 18	91	23	
Zala	Sept. 24-30	1		In Soramis,
Lower Austria				Total cases, 6; deaths, 3.
Prellenkirchen	Sept. 12-24	1	1	
Vienna	Aug. 14-Sept. 17	5	2	
Styria-				
Gratz	May 24-31	2	1	Including case from Waltendorf.
				p. 1042, vol. 1.
Bulgaria:				Violatin of Chauman From the
Kalondjik	June 18-20	1	1	Vicinity of Choumen. From the
				ship Cyrilla, bound from the coast of Asia Minor.
2	Sept. 16-Oct. 7	20		coast of Asia Minor.
SosopolisVarna	July 4-Oct. 31	3	2	2 cases July 4 from Asia Minor
varna	July 4-00. 31	0	-	via Constantinople; I case, Oct.
				31, from s. s. Boris.
Cevlon:				
Colombo	May 21-Oct. 7	18	13	
China:			4.5	
Amoy	May 23-July 1		4	Aug. 5, present.
Hankow	July 22			Present.
Hoihow	June 2			Do.
Dalny	Aug. 19-Sept. 2	35	19	Sept. 5, present.
Kinchow	Aug. 19-Sept. 2 Aug. 15-Sept. 2	10		
Nanking	July 22-Aug. 19 July 22-Aug. 26			Present.
Swatow	Inly 99. Ang 26			Do.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued. Reports Received from July 1 to Dec. 15, 1911.

CHOLERA-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Dutch East Indies				May 28-Sept. 9: Cases, 2,409 deaths, 1,830.
Java-	W 11 Out 00	904	000	1
Batavia		324	299	Present.
Surabaya		44	22	Tresent.
Egypt: Alexandria		3	3	Of these, 2 cases in September
France:				were from s. s. Saidieh from Constantinople.
Marseille	. June 26-Oct. 31		206	Number of cases occurring from Sept. 1 to 20 not reported. Present to Oct. 18.
Do	Sept. 21-28	20		
Ireece: Laurium	July 5-8	3	1	Case July 5, from a German ves- sel via Naples.
Piræus, quarantine station ndia:	July 30-Aug. 8	3		Case July 30, from s. s. Margarita.
Bassein		2	2	
Bombay		4	5	
Madras		242	578 175	Madras Presidency, May 1-Sept.
Moulmine	May 7-June 17	4	4	30: Cases, 29,517; deaths, 17,883.
Negapatam	June 11-July 15		35	
Rangoondo-China:		31	26 62	And elainite
Saigontaly	May 13-Oct. 25			And vicinity. Total for Italy, June 8-Nov. 18: Cases, 15,776; deaths, 5,910.
Provinces-				caree, representation of the
Alessandria		115	33	
Aquila	Aug. 1-Oct. 14	124	57	
Ascoli	Sept. 23-30	1		
Avellino	July 12-Oct. 21	234	87	
Bari Benevento	Aug. 27-Nov. 11 July 22-Sept. 16	503 96	105 24	
Bergamo		118	20	
Bologna	Aug. 27-Sept. 30	30	7	
Cagliari	Aug. 27-Nov. 18	197	61	
Caltanisetta Calatabiano		367 2	108	
Campobasso	July 17-Oct. 21	765	305	
Carrara	Sept. 24-30	10	2	
Caserta	June 18-Oct. 21	1,926	731	
Catania		882	376	
Catanzaro	July 26-Oct. 21 Aug. 1-Oct. 7	162 117	80 51	
Casoria		125	37	
Cosenza		107	56	
Ferrara	Aug. 27-Oct. 21	50	30	
Florence		6	1	
Foggia	Aug 97 Oct 91	204	105 18	
ForliGenoa	July 21-Nov. 4 July 13-Oct. 21 July 22-Nov. 18 Aug. 27-Oct. 14 July 13-Sept. 25	405	126	
Genoa, city	July 13-Oct. 21	279	133	
Girgenti	July 22-Nov. 18	338	149	
Lecce	Aug. 27-Oct. 14	121	36	
Leghorn	July 13-Sept. 25	768	380	
Lucca Massa	Aug. 1-Sept. 16	10 87	47	
Messina	Aug. 13-Oct. 7 July 17-Nov. 18	217	69	
Milan	Aug. 27-Oct. 14	20	6	
Naples			********	The Province outside of Naples,
		- 1		June 10-Nov. 4, 1,317 cases,
Naples, city	June 11-Oct. 21	887	250	561 deaths.
Novara	Sept. 24-30	4	4	
Padua	Aug. 27-Sept. 25 June 18-Nov. 11 June 15-Nov. 11	9	4	
Palermo	June 18-Nov. 11	561	267	
Palermo, city	Aug. 20-Oct. 14	1,463	528 47	
Pesaro	Aug. 20-Oct. 14 Aug. 20-Sept. 2	18	8	
Potenza	July 31-Sept. 9	55	13	
Reggio di Calabria	Aug. 6-Oct. 7	6	2	
Reggio Emilio	Aug. 6-Oct. 7 Sept. 30	1	1	
Rome	June 27-Nov. 18 Aug. 27-Oct. 21	327 78	136	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX-Continued.

Reports Received from July 1 to Dec. 15, 1911.

CHOLERA-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Italy—Continued. Provinces—Continued.				
Provinces—Continued.	Turne 17 Oct 01	1 044	950	
Salerno		1,377	356	
Sassari	Aug. 6-Nov. 18	145	51	
Syracuse Teramo	Sept. 3-Oct. 14	14	7	
Trapani	Aug. 6-Nov. 18 Sept. 3-Oct. 14 July 17-Nov. 18	258	136	
Venice	Aug. 6-Oct. 21	302	107	1
VICENZA	Oct. 14	1		
Japan: Kobe	Aug. 30-Sept. 16	4	2	
Nagasaki	Sept. 11	i		On s. s. Kasuga Maru.
Nagasaki Nishomayo	Sept. 11	2		
Osaka	Aug. 30-Sept. 16	6		Do.
Malta	Oct. 15-Nov. 11	22	10	1
Montenegro	Aug. 14-17	4 2		Among troops.
Cettinje	July 29	2	********	
Adaban	July 29-Sept. 4	19	8	
Ahwaz	Aug. 13-Sept. 2	128	115	
Ahwaz. Mohammerah	Aug. 13-Sept. 2 July 28-Oct. 1	236	190	Case July 28, from the cruise
				Persepolis.
Nasseri	Aug. 12	10	5	Tr
Philippine Islands	*****************		*******	First quarter, 1911: Manila, m cases. Provinces, 199 cases an 160 deaths. Second quarte Manila, no cases, no death Provinces, no cases, no death
Laguna	Aug. 6-12	1		Frovinces, no cases, no death
Manila	July 23-29	î	1	
Provinces-	0 any 20 and 11111111111111111111111111111111111			
Provinces— Rizal	do	1		
Union	July 23-Sept. 30	25	21	
Roumania	***********		*******	Total, Sept. 9-Oct. 30: Cases, 9
Districts-				deaths, 31.
Braila	Sept 11-Oct 30	60		Oct. 10-30: 10 deaths.
Doliin	Sept. 11-Nov. 1	1		000 10 000 10 400000
Doliju Covurlui	Sept. 11-Oct. 30	5	3	Including Galatz.
Konstanza	do	15	11	
Jalomitza	do	2		
Neamtu	do	3	2	
Romanti	Oct 22.28	1 2	2	
Romanti	Sept 11-Oct 30	12	4	
Russia	Dept. 11 Oct. 00			New outbreak Apr. 21-Nov. 4
				Cases, 2,028; deaths, 1,031; in cluding 7 cases and 2 deaths, p 1044, vol. 1.
Astrakhan, government	July 12-Sept. 30	459	192	
Baku, government	Sept. 3-13	7	2	
Baku, city	July 8-26	5	1	
Bessarabia, government	Sept. 3-Oct. 14 Aug. 13-19	27		
Dagestan, province Don Territory	Sept. 3-Oct. 14	12	4	
Jaroslav, government	Aug. 20-26	8	3	
Kazan, government	Sept. 3-30	10	7	
Kosmodemiansk	July 2. May 3-July 22	1		
Kherson, government	May 3-July 22	2		
Odessa	Aug. 6-Oct. 14	3	1 2	
Khuban, territory	Aug. 13-26 Aug. 20-26	1	1	
Moscow Nizhni Novgorod, govern-	Aug. 20-Sept. 2	î		
ment.	ringi so cope sit.	- 1		
Novoryssik	July 28-Oct. 14	13	4	6 cases, July 28-Aug. 6, on British
	T 04			s. s. Wakefield in Black Sea.
Poltava, government	June 24	1		
Perm, government Rostoy on Don	Sept. 3-13 Aug. 6-Oct. 14	52	18	Aug. 6-12, 1 case from a Turkish
Atostov on Don	Aug. 0-00. 11	02	10	ship from Trebizond.
Samara, government	June 29-Sept. 13	747	407	Including Nikolayevsk.
Saratov, government	July 18-Oct. 14	199	90	
Nikolayevsk	June 29-July 3	15	1	
Tsantzyn	July 12-15	1	1	
Siberia-				
Omsk	June 20-26	2 .	5.4	
Simbirsk, government	Aug. 6-Sept. 30	92	54	
Taurida, government—	July 23-Aug. 19	7	1	
Stavropol	July 23-Aug. 19			

${\bf CHOLERA,\ YELLOW\ FEVER,\ PLAGUE,\ AND\ SMALLPOX-Continued.}$

Reports Received from July 1 to Dec. 15, 1911.

CHOLERA-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Tver and Kursk, govern- ment.	Aug. 6-12	1	1	
Ufa, government Vilna, government—	Sept. 13-30	1		9 cases.
Disna	June 13	1		On the Duna.
Vitebsk, government	Sept. 3-13	1		
Vitebsk, government Lepel district	June 19	1		
Voronesch, government	Apr. 28-Aug. 12	5		
Voronesch, government Yeketerinislav, government	July 8-19	2	1	The state of the s
Servia				Total Aug. 23-Oct. 28: Cases, 7
n.ii.	C 1 7 O-1 00	6		deaths, 42. Nov. 18. Present.
Belgrade	Sept. 7-Oct. 28		2	Nov. 18. Present.
Drazevze	Oct. 2	1		
Grditze	Oct. 3	î	1	
Krushevatz	Oct. 14	i		
Rachka	Aug. 23-Sept. 8	8	2	Case Aug. 23 from Beoca, Stud
			-	nitz district.
Ravta	Aug. 30-Sept. 2 Oct. 15-18 Oct. 16			Present.
Novo Selo	Oct. 15-18	9	2	
Suvo Selo	Oct. 16	1	7	
Semendria	Oct. 4-28	13	7	
Stubline	Oct. 4-10	4	4	
Urovtzi	Oct. 4-10 Oct. 4-20	17	11	
Yabutchye	Oct. 12	1	1	
Siam: Bangkok	Apr. 16-Oct. 7		1,026	
Spain:	хри то оси т		2,020	
Tarragona	Aug. 30			In vicinity.
Began Dotah	June 16-20	11		
Jenderata	July 1-8	20	13	
Penang	July 1-8 May 7-Oct. 21	10	12	1
Perak	May 16-June 21		********	Present among Malays and Ch
	M * O-4 04	00*	900	nese.
Singapore	May 7-Oct. 21	205	202	
l'ripoli: Tripoli	Oet 13	4		
Tunis Regency				Total Sept. 17-Oct. 30: Cases
				3,498; deaths, 2,577.
Bizerta	Sept. 17-Oct. 30	355	200	
Tunis Furkey in Asia:	July 1-Oct. 31	433	272	
Adana	Nov. 1-15		3	7 cases daily.
Alatsham	June 19	2	*******	· Cooks stary
Amara	June 21	-		Present.
Amara. Bagdad Vilayet Basra.	May 29-Oct. 28	492	345	New outbreak.
Basra	July 17-Oct. 21	361	. 257	Aug. 9, 1 case, s. s. Budrie.
Beirut	Oct. 18	2		Aug. 21, present among pilgrims
Damaseus	Aug. 14-Nov. 5	143	111	
Damascus Erzeroum Vilayet	Sept. 13-30			Present in Erzingham and Unich
Ezra's Tomb.	June 17	6		70 miles from Basra.
Foglieri	July 26 Oct. 3-Nov. 12	2	1	In the Gulf of Smyrna.
Haifa	Oct. 3-Nov. 12	47	36	
Kamaran		8	5	Among troops.
Kerassunde	Sept. 10-Oct. 7	22	16	
Kharput	Aug. 20-Oct. 14	32	24	Do.
Medina	Sept. 10-Oct. 7 Aug. 20-Oct. 14 Sept. 15-Nov. 19	190	157	
Mersina	Nov. 15-21	1		
Mekka	Sept. 1-Nov. 21	550	488	
Samsun	May 29-July 30	225	204	And district.
Smyrna	May 29–July 30 Apr. 26–Sept. 24	974	497	Including 24 cases and 14 deaths
Trebizond	Oct 16 Nov 6	5	1	p. 1911, vol. 2.
Tripoli	Oct. 16-Nov. 6 Sept. 26-Oct. 18	43	33	
Zongouldak	July 1-Oct. 15	95	72	And vicinity.
urkey in Europe:	July 1-Oct. 15	20		And vicinity.
Constantinople	May 21-Oct. 23	2.614	1,483	Do.
Dardanelles	Oct. 1-Nov. 11	-100	3	
Kavak	June 5-11	1		Aug. 8, present.
Medua	Aug. 24-Sept. 1	5	1	D. of Production
Medua Soloniki	Aug. 11-Nov 6	781	482	Among troops.
Valona.	Aug. 24–Sept. 1 Aug. 11–Nov. 6 Aug. 27–Sept. 7	28	8	
t sea	June 23	1	1	On s. s. Goeben, bound from Southampton for Suez. Cas developed 1 day after leaving
Do	July 25			Naples. 2 cases from s. s. Zar Nicolau from Algiers.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX-Continued.

Reports Received from July 1 to Dec. 15, 1911.

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Bissagos Islands:				
Bulama	May 27			Present.
Brazil:				
Ceara	July 1-31		1	
Manaos	June 4-Nov. 11	5	30	
Para Pernambuco	June 21-Sept. 9 June 15-Sept. 30	- 0	11	
British Gold Coast:	June 13-Sept. 30		**	
Acera	May 23-27	3		Among natives.
Colombia:	200, 20 2111111111			
Sabanilla	Nov. 18		1	On the schooner Margarita So phia from Rio Hacha.
Ecuador:				pina from Kio riacita.
Babahoyo	July 16-Aug. 15	2	2	
Bucay	July 16-Aug. 15 Sept. 1-Nov. 15	7	4	
Calaroma	July 16-31	1	1	
Changue	Sept. 16-Nov. 15	2 2	1	
Ch-bo	Oct. 1-31 June 1-Nov. 15			
Guayaquil		55	21	
Milagro	July 1-Nov. 15	18	a 14 2	
Naranjito Yaguachi	June 16-July 15	1	1	
lambia:	June 10-July 10			
Bathurst	May 23-27	5	2	Among Europeans.
Iawaii:	220) 20 21111111			
Honolulu	Oct. 21-28	2		1 case arrived convalescent of the s. s. Hongkong Maru from Manzanillo, Mexico.
Mexico:				l case occurred in quarantine employee detailed as guard or the s. s. Hongkong Maru.
Merida				Total Aug. 1-Nov. 11: Cases, 45 deaths, 20.
Senegal:				Decemb
DakarRufisqueVenezuela:	Dec. 4do	*******	*********	Present. Do.
Caracas	July 1-Nov. 4	47	1	
La Pastora	Aug. 5			Do.
Maiguetia	Aug. 5 July 22	2		
San Juan	Aug. 5	1	********	
	PLA	GUE.		-
			1	
Algeria:	Nor 1	5		
Philippeville	Nov. 1	3	*******	
Maskat	May 21-June 15	4	2	
Brazil:				
Para	July 2-Nov. 18	6	4	
Pernambuco	June 15-Sept. 30 July 16-Oct. 7	18	13 5	
Rio de Janeiro British East Africa:	July 10-00t, 1	19	9	
Kismayu	Apr. 24-Sept, 16	60	45	
Nairobi	May 27-Sept. 16 Apr. 26	39	22	
Port Florence	Apr. 26	1	1	
Canal Zone:				
Panama	Oct. 13-17	1	1	At Ancon Hospital from Guaya
				quil.
Chile:	June 12-July 28		3	
Arica	May 14-Oct, 14	46	28	
Iquique	may 14-006, 14	40	20	
Amoy	May 21-July 17		20	To May 28: Cases, 61; July 3
2000				present in the district.
Kulangsu	June 17-July 22		5	
Canton	May 18-Sept. 9			Present, and in neighboring can
Hongkong	May 14-Oct. 28	210	156	Jan. 1-Sept. 16: Cases, 261; death
				244.
fanchuria:	0.4.0*			
Dalny	Oct. 25	31	19	May 14-27, 3 cases. May 21-June 2, epidemic in Chao chow-fu. Hweilai, Kit-yang and in Chao-yang, Jan. 1-June 20, 6 000 deethe
Shanghai				

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX-Continued.

Reports Received from July 1 to Dec. 15, 1911.

PLAGUE-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil	June 1-Nov. 15	214	76	m
Egypt		******		Total, Jan. 1-Nov. 14: Cases,
A lamandala	Man 21 Sant 92	45	20	1,606; deaths, 998.
Alexandria	May 31-Sept. 23	45	1	
Cairo	Feb. 12-May 31	1	1	
Ismailia Port Said	Oct. 12 May 27-Nov. 14		18	On s. s. Yeddo, bound for Cal-
Fort Said	May 21-Nov. 14	12	10	cutta from New York via Naples and Torrevieja, Spain.
Assiout	May 31-Oct. 13	8	6	1
Behera	May 23-Oct. 13 May 23-Aug. 10	3	3	
Beni Souef	May 23-Aug. 10	4	1	
Dakahlieh	May 29-June 11	2	1	
Fayoum	May 28-Oct. 15	9	6	
Galioubeh	June 1-Oct. 4	5	1	
Girgeh	Apr. 19-Oct. 29	6	4	
Kena	May 30-June 12	5	5	
Menouf	May 31-Oct. 13	2	*********	
Minieh		29	11	In Admiralty Barracks parish of
Suffolk	Oct. 10	1		In Admiralty Barracks, parish of Shotley, Samford rural district.
Hawaii: Kapulena	Oat 98	1	1	
ndia:	Oct. 28	1		
Bahrein Island	May 15-July 16		1,925	In Persian Gulf.
Bombay	May 21-Nov 18	687	599	IL I Clema Gun.
Calcutta	May 21-Nov. 18 May 7-Oct. 22 May 28-Nov. 4 May 1-Sept. 30	001	750	
Karachi	May 28-Nov 4	221	219	
Rangoon	May 1-Sept 30	10,054	7,302	
Bombay Presidency and Sind.	May 7-Oct. 28	77,604	54,058	
Madras Presidency	do	9,159	7,076	
Bengal	do	3,150	2,829	
United Provinces	do	19,370	2,829 18,532	
Punjab	do	3, 150 19, 370 61, 076	53, 489	
Burma	do	1,954	1,822	
Eastern Bengal and Assam. Central Provinces	Aug. 6-26	2	12	
Central Provinces	May 7-Oct. 28	5, 251	3,703	
Coorg	Aug. 27-Oct. 14	16	12	
Mysore State	May 7-Oct. 28	12,045	8,721	
Hyderabad State	do	3,670	2,715	
Central India	do	4, 133	3,380	
Central India	May 20-Oct. 28	1,805	1,540	
Kashmir	May 7-July 1	624	425	m - 11 - 11 - 15 - 15 - 15 - 15 - 15 - 1
North West Province	do	110	79	Total for India May 15 to Oct. 28: Cases, 199,969; deaths, 158,393.
ndo-China: Saigon	May 15-Oct. 22	358	112	And vicinity.
apan: Formosa	May 21 - Inly 1	115	106	In Kagi Province from Jan. 1 to
	May 21-July 1	113	100	June 15: Cases, 355, including report, p. 1047, vol. 1.
ava:	Man 91 Tesles 99	0.00	100	
Kediri	Mar. 31-July 22	60	21	
Madioen Pasoeroean Residency, Ma- lang district.	June 1-Aug. 26 May 14-Oct. 28	764	225	
Surabaya	Apr. 30-May 18	21	4	
lauritius.	Mar. 1-Oct. 19		7	
orocco:	Mai. 1-00t. 15	10		
Cherouba	Sept. 29			Present.
Mazagan	July 13-Oct. 17			Present among the Doukale, 5 hours distant.
ew Zealand: Auckland	May 1-8	5		Total since Mar. 21: Cases, 8;
aramiav.				deaths, 1.
'araguay: Asuncion	Aug. 1-Sept. 2	23	14	Present.
ersia: Buchir	May 14-June 25	94	80	
Lingah	May 18-28	7	~	From Debai, on opposite Arabian
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	STREET ECT ACT	- 6		coast.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued. Reports Received from July 1 to Dec. 15, 1911.

PLAGUE-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Departments— Ancachs	Apr. 30-June 17	9		
Areguina	Apr. 23-June 17	20	4	Sept. 5, present in Mollendo. Aug. 10, present.
CajamareaCallao	Apr. 23-Sept. 30	14		rugi ro, presenti
Chiclavo	Apr. 30-Sept. 30	22		
LambayequeLibertad	Apr. 23-Sept. 16	16		Aug. 21, present in Moche.
Lima	do	73	34	
Pacasmayo Philippine Islands	Apr. 30-June 3	3	2	
Mariveles quarantine sta- tion.	May 25-26	1	1	From s. s. Taisang from Amoy.
Russian Empire: Odessa	June 18-Aug. 8	8	2	
High	July 3			Present.
Saraltschin	June 18-24			
Kirghis Steppe— Akbulak	July 13-Aug. 2	5	2 4	Pneumonic.
Kjubekudik Narvma	July 15	5	4	10.
Nadarov	Sept. 14-Oct. 23			In vicinity of Sharasung on the Transbalkal railway.
Siam: Bangkok	Apr. 16-Oct. 7	73	82	
Straits Settlements: SingaporeTurkey in Asia:	May 21-Oct. 21	8	8	
Adalia	July 7-Aug. 30	4		
Basra Beirut	May 21-31	4	2	Present among pilgrims, and present in the Lebanon district
Brusa	Aug 2_15	2	1	present in the Lebanon district
Mersina	Aug. 2-15 Nov. 1-15 Sept. 17-22	ī	1	
Smyrna Venezuela:		2	1	
Baruta	Sept. 3-9 May 29-Oct. 14 Aug. 5			
Caracas	May 29-Oct. 14	17	********	
Zanzibar: Zanzibar	Sept. 7-21	3	3	
Zancipat	Берь. 1-21		•	
	SMAL	LPCX.		
Algeria:				
Departments— Algiers	Mar. 1-Oct. 31		10	
Constantine	Mar. 1-May. 31	74		
Arabia: Aden	Apr. 11-Oct. 9		8	And vicinity.
Argentina: Buenos Aires	Apr. 1-Sept. 30		144	
Rosario	Apr. 1-June 30		125	
Australia: Sydney	Sept. 1-25		1	At North Head quarantine sta-
Austria-Hungary:				tion, from s. s. Van Lichten from Batavia.
Bohemia	May 28-June 17 May 28-July 15	5		
Galicia	May 28-July 15	3		From a a Amphitrite from
Trieste	Nov. 5-11	1		From s. s. Amphitrite from Beirut.
Brazil:				
BahiaCeara	Apr. 1-30		1 1	
Para		10	2	
Pernambuco	June 1-Sept. 30 May 28-Oct. 11 May 15-21.		863	
Rio de Janeiro	May 28-Oct. 11	38	3	
Sao Paulo	May 15-21		1	
anada:				
Canada: British Columbia—				
anada:	July 9-Sept. 23 May 1-31	8		

${\bf CHOLERA,\ YELLOW\ FEVER,\ PLAGUE,\ AND\ SMALLPOX-Continued.}$

Reports Received from July 1 to Dec. 15, 1911.

SMALLPOX-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Manitoba-				
Fort Alexander	July 8	19	*******	Among Indians.
Lac de Bonnet			*******	n
Point du Bois	do	*******		Epidemic.
SelkirkWinnipeg	July 23.30	1		From Mapleton.
New Brunswick—	July 20-20			
Newcastle	July 15-Aug. 5			Present in vicinity.
Ontario—				
Ottawa	June 11-Dec. 9	47		
Nova Scotia—				
Halifax	May 23-Sept. 30	6		
Prince Edward Island—	June 14-20	1	1	
Charlottetown	June 14-20	1	*********	
Montreal	July 9-Dec. 9	0		
Quebec	June 18-Dec. 9	127	1	
Quebec Yukon	Sept. 17	66	1	On the Porcupine.
Dawson	June 4-July 11	15		
Ceylon:				
Colombo	May 21-Nov. 11	47	6	
Chile:	O-1 12 Cant 0			
Antofagasta	Oct. 17-Sept. 2	15	6	
CalderaIquique	June 24 Oct. 1-15	í	1	
Punta Arenas	June 1-July 31		1	
Talcahuano	June 27-Nov. 11	146	31	Manager and the second
Valparaiso	June 24-Nov. 4	412		Deaths not reported.
hina:				
Canton	Oct. 1-28	10	2	
Chunking	May 28-Oct. 28		********	Present.
Hongkong	May 21-Oct. 28	43	32	**
Nanking	May 28-Nov. 4 May 24-July 16 May 28-July 22			Do.
Shanghai	May 24-July 16	2	8	Deaths among natives.
Swatow	May 28-July 22			Present in the district.
Colombia: Cartagena	May 22 July 0			Present.
Cartagena	May 22-July 9		********	riesent.
Egypt: Alexandria	Apr. 1-July 31	64	32	
Cairo.	May 22-Nov. 11	19	6	
Port Said	May 29-Aug. 19	14	13	
France:	,			
Havre	July 16-22	1	i	
Marseille	Aug. 1-31 June 18-Oct. 29		1	
Paris	June 18-Oct. 29	17	1	matality Comment Tong (No.
Germany				Total for Germany, June 4-Not
Bremen	July 9-15	1		25: Cases, 34.
Hamburg	Aug 6-19			3 cases on s. s. Prinz Regent.
ibraltar	Aug. 6–19 June 4–Nov. 5	4		o cases out or at a reason
reat Britain:				
Birmingham	July 2-15	1	1	
Dundee	June 11-Aug. 12 June 18-Oct. 7	10	3	
Liverpool	June 18-Oct. 7	8		
London	June 4-24	13	********	
Plymouth	July 2-8		!	
Sheffield	June 18-24		1	
Iawaii: Honolulu	Dec 4.18	31	. 19	From s. s. Willesden.
ndia:	Dec. 4-18	31	. 19	From 8. 8. Willestell.
Bombay	May 91-Nov 18	147	87	
Calcutta	May 21-Nov. 18 May 7-June 24	141	6	
Madras	May 21-Nov. 4	185	78	
Rangoon	May 1-Sept. 30	347	171	
ndo-China:	and, I de par do			
Saigon	May 15-Oct. 22	138	54	And vicinity.
aly:				
Catania	July 19-Aug. 12		4	
Genoa	Aug. 1-Nov. 30	20	3	
Leghorn	Oct. 22-Nov. 11	2		
Naples	June 11-Nov. 18	139	19	
Palermo	June 4-Nov. 11	1.936	926	
apan:	Tuno 12.10		1	
	June 13-19	1	*******	
Batavia	July 2-Oct 20	51	11	
lexico:	July 2-Oct. 28	01	11	
Aguasealientes	Aug. 28-Oct. 15		6	
Cananea, mines	Sept. 12-22	30		Oct. 28, 45 cases present.
	June 28-Nov. 17	29	14	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX-Continued.

Reports Received from July 1 to Dec. 15, 1911.

SMALLPOX-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico-Continued.				
Frontera	June 19-24 June 18-Aug. 19	1		*
Guadalajara	June 18-Aug. 19		3	
Inuris	Sept. 22. July 9-Dec. 9	10		
Juarez	July 9-Dec. 9	35	6	
Magdalena	Oct. 23. Aug. 6-Nov. 7			Present.
Mazatlan	Aug. 6-Nov. 7	13	6	
Mexico	May 21-Nov. 4		175	July 23-Nov. 4, 81 cases.
Mexico. Porfirio Diaz.	May 21-Nov. 4 July 23-Dec. 2	25	23	
San Juan Bautista	June 17-July 15		*******	Present and in vicinity. Aug. 26
San Buis Potosi	June 4 Nov. 4	94	24	increasing.
	June 4-Nov. 4 June 11-Oct. 31 July 8-Sept. 23	24	10	
Tampico	July 8-Sept. 23		19	
Peru-	sary o bepit soitt.			
Salaverry	Aug. 1-7			Present.
Truiillo	Oct. 23-30			Do.
Salaverry Trujillo Philippine Islands	00.120 00.111			First quarter, 1911, Manila: Cases
mppm viant				First quarter, 1911, Manila; Cases 93; deaths, 0. Second quarter Cases, 142; deaths, 0.
Portugal:				
Lisbon	June 4-Nov. 25	120		May 7-20, deaths, 3.
Ponce	Apr. 1-30		1	
Cortuguese East Africa:		i		
Lourenco Marquez	do		1	
Roumania				Total, Mar. 1-Apr. 30, 1911
				Cases, 18,319; deaths, 774.
Russia:				canal, soloto, acatal, tra
Batum	May 1-Oct. 31	6		
Libau		16	i	July 16, 1 death.
Moseow	May 28-Nov. 11	174	87	
Odessa	May 27-Sept. 16	8		
Reval	May 1-31	5		
Riga	May 27-Nov. 11	28		Apr. 1-May 31, deaths, 14.
St. Petersburg	May 27-Sept. 16 May 1-31 May 27-Nov. 11 May 21-Oct. 28	176	36	
Warsaw	Apr. 2-Oct. 14	436	200	
Windau	Apr. 2-Oct. 14 June 25-July 1			Present.
Siam:				
Bangkok	Apr. 16-Oct. 7		182	
lberia:				
Omsk	May 29-Oct. 3	18		
Vladivostok	May 14-Aug. 28	18	15	
South Africa: Port Elizabeth	Man 01 07			
South Australia:	May 21-27	1		
Adelaide	Apr. 15			1 case from Colombo on str
Adelaide	Apr. 10			Mooltan.
spain:				and out that it
Barcelona	May 6-17		4	
Cadiz	Oct. 1-31		5	
Madrid	Oct. 1-31 June 1-Oct. 31		6	
Malaga	June 1-Sept. 30		35	
Seville	June 1-Oct. 31		14	
Valencia	June 4-Nov. 18	79	12	
traits Settlements:				
Penang	Apr. 30-Oct. 14	9	4	
Singapore	May 7-Oct. 21	171	45	
witzerland:				
Aargau, canton	Sept. 24-30	4		
Ticino, canton	May 28-June 3	1		
'eneritte:				
Santa Cruz	Oct. 22-Nov. 11		3	
urkey in Asia:				
Beirut	May 27-Nov. 18	165	48	
Kharput	May 21-June 10	34	3	
urkey in Europe:			- 00	
Constantinople	June 4-Nov. 19		29	
Saloniki	Sept. 1-30		5	
ruguay:			17	
Montevideo	Apr. 1-Aug. 31	51	11	
Zanzibar	May 15-Oct. 27	29	17	
t sea	10 Oct 21			May 15, 1 case on s. s. Narrung
				May 15, 1 case on s. s. Narrung yessel quarantined at Adelaide
				Melbourne, and Sydney. Sept 30, 1 case on s. s. Eastern, from Hongkong. Vessel quaran- tined at Sydney to Oct. 20.
				30, 1 case on s. s. Eastern, from
				Honghong Vocasl quaran
				Hongkong, vessel dintan

MORTALITY.

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

								Deat	hs fr	om-	-			
	Week ended— Estimated population.	Total deaths from all causes.	Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhold fever.	Scarlet fever.	Diphtheria.	Measles.	Whooning cough	
Aberdeen	Nov. 25	153,108 156,412 579,705 327,668	64								1			
AberdeenAix la Chapelle	Nov. 11	156,412	45						3			1	7	
Amsterdam	Dec. 2 Nov. 18	327 668	110 66	18	****		****				1 2	2	1	
Do	Nov. 25	321,000	74	6					****			1	****	
Do Asuncion	Nov. 4 Nov. 12	75,000	32	1						1				
thens	Nov. 12	250,010	85	13						1				
Batavia	Nov. 4 Nov. 29	217,630	240	99	3	2		1		5		2		
BarcelonaBeirut	Nov. 25	591,272	25	22	****	****	****	4		8	****	-	****	
Belfast	do	80,000 385,492	128	19							2			
Do	Dec. 2		101	12								1		
Belgrade	Nov. 18	90,050	30			1					6			
BelgradeBirminghamBombay	Dec. 2	842,512 977,822	188 583	38	6	****	****	2		1	2	3	1	
Do	Nov. 11 Nov. 18	011,022	509	29	8		****	ĩ			****		****	
ordeaux	Nov. 25	253,000	97	13									1	
Do	Dec. 2		76	13						****		1		
radford	Nov. 25 Nov. 11	288,723 246,850	82 49	5							****	3		
Do	Nov. 18	240,800	60	7	****	****		****		****	1	4	****	
ristol	Dec. 2	357,509	92	6							î	1		
runswick	Nov. 11	145,000		4							6	15		
radford	Dec. 2	288,723	93	6						1		1		
russels	Nov. 25 Nov. 11	649,846	141	27						1 2	8	1 4	3	
Do	Nov. 18	1,000,000	******	****		***	****		****	3	8	2	8	
airo	Nov. 11	689, 439	403	20				1	4	5		5	4	
Doalcutta	Nov. 11 Nov. 18		412	28					1	3	1	13		
alcutta	Oct. 28	890, 493	550	30	6	40							1	
Doanso	Nov. 4 Dec. 9	2,800	502	23	0	45		****	****	****	****	1	1	
anton	Oct. 28-	1,000,000	250	30				3		7				
	Nov. 11													
atania	Nov. 25	207,600	69	1							3			
Dohemnitz	Dec. 1 Nov. 4	295, 600	56 90	10				****	1	****		****	****	6.5
Do	Nov. 18	298,000	79									4		
hristiana	do	245,000	80	7 7							****	2	2	
Doienfuegosoburg	Nov. 25		60	8							1	1	2 3	
ienfuegos	do	33,578 23,737	22	3	****					1		****	****	
	Nov. 11 Nov. 18	23, 737	10 13	****					****	****	2		- * * *	* *
ognacologne	do	19,168	10	1						1		****	****	* *
ologne	Nov. 11	520, 689	131	26							1	2	2	
Do	Nov. 18 Nov. 25		140	17						1		4	4 2	**
Do	Nov. 25 Oct. 21	522, 694	119 137	18						6	2	2	2	
olombo	Oct. 21 Oct. 28	213, 974	146	11 15	****		****			12	****	****	****	***
Do	Nov. 4		136	11				1		6				
Do	Nov. 11		137	9						4				
onstantinople openhagen Do ardanelles	Nov. 19 Nov. 11	1,000,000 462,000	196 108	21 13				6		5	1			
Do Do	Nov. 11 Nov. 18	402,000	113						0000		2	1	3	
ardanelles	Nov. 11	11,875 555,100		1		1								
resden	do	555, 100	157							1	2	9	2	
Do	Nov. 18	403,732	143	17							3	6		
ublin Do	Nov. 11 Nov. 18	403, 732	179 186	24 34							3 2	2 4	6 5	• • •
Do	Nov. 25		165	30						2	2		4	
Do	Dec. 2		169	23					i	1	1	3	3	
undee	Nov. 25	171,006	53	5								3		
Do	Dec. 2 Oct. 28	69, 165	49 24	6 .								2		
urban dinburgh	Oct. 28 Nov. 18	320, 829	118	13		****		***		****	****	1		***
Do	Nov. 25	020,020	93	13							1			
Do	Dec. 2		106	9 .								1	1 .	
lume	Nov. 25 Nov. 11	50,811 419,300	18 84	7 .					***	2				
rankfort-on-Main					- 1	- 1						3	-	

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Prontema					Deaths from—										
ibent	Citles.			deaths from all	Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measies.	Whooning cough
ibent	Frontera	Dec. 2	9,000	5							1		-		-
Passon Dec. 1	leorgetown	Nov. 25	56,000	46							1				
Passon Dec. 1	hent		165,965								2				
Dec. Section Company Company	Haggow		20,307		1										
Nov. 18	Do	Dec. 1	784,000	282					****		2	1	8	11	
Do	ottenborg	Nov. 18	168,000		6						ī	î			
Do	Do	Nov. 25		37									2		1
Do	Taifa	Nov. 12	25,000				1								
Section Color Section	Do	Nov. 19					1								
Do	Jomburg		021 025	050	99		1						07		
Do	Do Do	Nov. 18	931,035	208	99	****	****				1		19	7	
Do	lavre		136, 150	56		****	****	****			2		1.0		
Do	Do	Nov. 25	10.,100								2				
Do	Da.	Dec. 2											1		
Do	longkong	Oct. 28	336, 488			1			1						
Do	Do	Nov. 4		******		1	****					****			
Do	Do	Nov. 18					****	****			4	9	****		
		Dec. 2	**********			****							1		**
Marchi	mique	Nov. 11	40,000		8	1									-
Arachi	ffa	Nov. 18		9							2				
Do	Do	Nov. 25			1		1				1				
Do		Nov. 4		78		1									
Ingstorn Nov. 25 55,684 1 1 1 1 1 1 1 1 1	Do	Nov. II	**********			5	****					****			
Do	ingston	Nov. 15	59 584	11	1	0		****				****			
Do	obe	Nov. 12	404, 851	146							i				
Do	ingsberg	Nov. 11	247,300	85							1			1	-
	Do	Nov. 18										1	1	2	
	eds	Nov. 25	445,568								2		5	1	
Do	Do		FOR 700				****							1	
Sith Nov. 18 S0,674 20 2 1 1	Do	Nov. 18	393, 103	158	20							1			***
Do		Nov. 18	80.674	20	2						-		i	1	
verpool Nov 25 747,627 274 21 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 1 1 5 2 1 1 5 2 1 1 5 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 9 1 3 2 1 3 2 1 3 2 1 3 3 1 1 2 9 1 3 3 1 1 1 2 9 1 3 3 1 1 1 1 3 3 1 1 1 1 3 3 1 1 1 3 3 1 1 1 3 3 1 1 1 3 4 5 2	Do	Nov. 25			1							1			
verpool Nov 25 747,627 274 21 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 1 1 5 2 1 1 5 2 1 1 5 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 9 1 3 2 1 3 2 1 3 2 1 3 3 1 1 2 9 1 3 3 1 1 1 2 9 1 3 3 1 1 1 1 3 3 1 1 1 1 3 3 1 1 1 3 3 1 1 1 3 3 1 1 1 3 4 5 2	Do											1			
Do	ege	Nov. 18	167,521	52											
Do	verpool	Nov 25	747,627	274								2			
Do			7 960 759		21							7		12	1
Do. Dec. 2 1,914 11 1 20 9			1,200,102									5	26		i
Nov. 25 325,790 935 135 5 5 5 5 5 5 5 5 5															
Adras Nov. 4 518,660 553 70 3 1 1 1 1 1 2 1 2 2 7 2 2 2 2 2 2 2		fOct. 1	593 796		155		1				8			5	
Do.				1	100							****	0		
Do. Nov. 18 633 74 5 2 1 1 1 1 1 1 1 1 1	Do.		518,660								1	1			
Section Sect	Do										2		****		
Do. Nov. 11 108 11 1 3 7	agdeburg		281.411	92	10						1	3	3		
Maos Nov. 11 52,000 30 1 2 2 7 2 2 7 2 2 7 2 2	Do	Nov. 11			11						1		7		
Do. Nov. 25 232 29 1 1 2 1	Do	Nov. 18		82								3	6		
Do. Nov. 25 232 29 1 1 2 1	malos	Nov. 11						2 .	***			9		7	
Innheim	Do	Nov. 15	931, 333		20				***			î	2		
Do. Nov. 18 32 8 1 2 2 1	nnheim	Nov. 11	197.057									î			
Dote Dec. 3 190,000 83 1 2 2 2	Do	Nov. 18		32	8								1		
Tracalbo	onterey	Dec. 3	190,000								2				
Arricalbo	Do	Dec. 10									2	1			
resina. Nov.1-15 20,000 5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	aracaibo	Nov. 26	22,000	14	1						1				• • •
exico. Oct. 28 719,052 319 14 1 7 1 1 Do. Nov. 4 316 31 1 9 2 Dottreal Dec. 2 466,197 149 20 5 2 Do. Dec. 9 55 3 4			20,000	5		1			2						
Do. Nov. 4 316 31 1 9 2 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1			719, 052		14				1	7		1		1	
Do. Dec. 9 466,197 149 20		Nov. 4			31				1						
Do Dec. 9	ontreal	Dec. 2	466, 197	149	20						5	2			
oscow Nov. 11 1,500,000 652 74											5		4		

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities-Continued.

Cities.					Deaths from—									
	Week ended—	Estimated population.		osis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtberia.	Measles.	Whitehaming and
Munich	Nov. 11	597,000	161	21						1	1	2		
Nagoya	. Oct. 28	597,000 417,207	105							3		1		
130	Nov 4		123							5		3		
Newcastle-on-Tyne	. Nov. 11	267, 261	80	5					****	1				
Do	Nov. 18 Nov. 25		81 105	11 12	****	****	****	****	****	2	****	1 2		
Do	Dec. 2	***********	92	6	****	****			****			1		
Nottingham	Nov. 25	259,942	72					****	****	1			4	* *
Nottingham	Nov. 4	546,000	177	20						5	5	7 5	2	
Do	Nov. 11		179	33						1	6	5	2	
Do	Nov. 16	*********	187	19		****			****	6	1	5	3	
Do	Nov. 25	90,000	173 31	29					****	8	3	5	3	
Do		90,000	25	1	****	****	****	****	****	****	****	3		* *
Do		**********	25	li	****	****		****	****	****		1	****	**
alermo	Nov. 18	340,000	203					63	3		3			
Do	Nov. 25		244	7				96	4				1	
ara	do	185,000	74	10			i							
atras	Nov. 26 Oct. 28	40,000	14	1	***	***	****		****	2				**
enang. orfirio Diaz	Dec. 2	101, 427 16, 000	20		****	****			****	1	****	***	****	
ort Elizabeth	Dec. 2 Nov. 4	30, 692	10 11	1 2	****		****	3	****	****	****			
ort Elizabethort Said	Nov. 11	52,811	15	i									****	
Do	Nov. 18		22	4					1					
rague	Nov. 11	223,747	73	7							1.	2	1	
Do	Nov. 18		71	10				****			2		2	
uebec	Dec. 2	78,067										2		
Doangoon	Dec. 9 Oct. 14	289, 432	192			****			****		1	1		* *
Do	Oct. 21	200, 102	169	****	5	1		2	****		****	****	****	
Do	Nov. 4		172		8									
Do io de Janeiro Do	Nov. 11		175		8	1		2						
io de Janeiro	Oct. 14	898, 699	316	57						2		1	6	
Do	Oct. 21	*********	371	77		****		1			****	4	1	
Do	Oct. 28 Nov. 4	*********	378	91 83	****						****		1	
Do	Nov. 11	*********	377 293	57						9		1	5	
Dootterdam	Nov. 18	434, 405 433, 450 434, 405	105						****	3		î .		
Do	Nov. 25	433, 450	85							1		i .		
Do	Dec. 2	434, 405	108						2					
igon	Oct. 291	206,000				2 .								
. Johns, Newfoundland . Johns, Quebec	Dec. 9	32,000	******							-:-	1			*
Petersburg	Nov. 11	6,000 1,907,708	642	108	***	***				13	9	4	93	
Do	Nov. 18									28	9	6	23	
lina Cruz	Nov. 25	6,138	5							1 .				
n Luis Potosi	Nov. 4	82,946	53	4				1		1 .				
Donta Cruz de Teneriffe.	Nov. 11	41,200	46	1	***					1	1 .	***	***	
ntiago de Cuba	Nov. 25 Dec. 2	53,614	17	2	***	***	***	0		1 :		***	***	*
vrna	Nov. 4	400,000	54	14		***		***	***		1	1	***	*
Do	Nov. 11		45	14						2		î.		
Do	Nov. 18		53	11 .					***	2 .				*
Do	Nov. 25	************	44	9 .		***			*** *		***		***	
angnai	Nov. 12 Nov. 25	492,000 119,394	124	12	***		::::	***				1 .		
anghai uthampton uth Shields	Nov. 18	108,844	38	4	***				***		***	1	***	
ttin	do	240,000	79	6 .							2	1 :	***	
Do	Nov. 25	240,000 250,000	70	10 .							2	1 .		
ockholmoke-on-Trent	Nov. 18		72	16 .								2 .		
oke-on-Trent	Dec. 2	235,049	86	7 .							2	3 1 .	2 .	
ansea	Oct 1-21	115, 100	33 .		***						-:-	1 .		
pachula	Oct. 1-31 Dec. 9	25,000 392,000	108	4 .	***			5	1 .	4	1 .	7	***	
ipoli Syria	Nov. 19	35,000	121	0 .	***	1			***	3	***		***	
Dolencia	Nov. 11	00,000			***	3 .								* *
														* *

¹ And neighboring provinces.

MORTALITY-Continued.

Weekly mortality table, foreign and insular cities-Continued.

		Estimated population.		Deaths from—										
Cities.	Week ended—			Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Vancouver	Nov. 25	100,333	19							1			1	
Do	Dec. 2		22							3		****	****	
Vladivostok	Sept. 28 Oct. 21	84,578	50	5						5	5	1		
Victoria	Dec. 9	31,620	7								1			
Trinidad	Nov. 18	60,000	32	2						1				1
Warsaw	Sept. 20	797,093	337	21				22		7	26	2	6	4
Do	Nov. 4		276	25				23		8	13	1 5 2	5	
Do	Oct. 7		282	28				17		6	23	5	4	1
Do	Oct. 14		314	36				17		7	24	2	2	1
Do	Oct. 21		338	36				22		3	32	4 4 3	5	4
Do	Oct. 28		297	30				17		3	21	4	10	1
Vienna	Nov. 11	2,064,583	604	97						2	2	3	5	1
West Hartlepool	Nov. 25	63,932	20									1		
Do	Dec. 2		19									1		
Winnipeg	do	135, 430	27	3						1	3	1	1	1
Yokohama	Nov. 20	419,630								2				
Do	Nov. 27									1				

MORTALITY-FOREIGN AND INSULAR-COUNTRIES AND CITIES (untabulated).

Algeria—Algiers.—Month of October, 1911. Population, 172, 397. Total number of deaths from all causes 326, including diphtheria 27, smallpox 1, tuberculosis 45, typhoid fever 15.

ARGENTINA—Buenos Aires.—Month of September, 1911. Population, 1,337,493. Total number of deaths from all causes 1,674, including diphtheria 32, measles 7, scarlet fever 12, smallpox 11, tuberculosis 185, typhoid fever 14.

Brazil—Ceara.—Month of October, 1911. Population, 60,000. Total number of deaths from all causes 115, including tuberculosis 16, typhoid fever 8.

British India—Rangoon.—Month of September, 1911. Population, 289,432. Total number of deaths from all causes 702, including measles 1, plague 69, smallpox 6, tuberculosis 29.

GREAT BRITAIN.—Week ended November 18, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 13.9 per 1,000 of the population, which is estimated at 16,157,797.

Ireland.—The deaths registered in 21 principal town districts correspond to an annual rate of 19 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Galway, viz, 7.9 and the highest at Lurgan, viz, 25.8 per 1,000.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 18.6 per 1,000 of the population, which is

estimated at 1,710,291. The lowest rate recorded was 12.3 at Dundee and the highest at Aberdeen, viz, 21.7 per 1,000. The total number of deaths from all causes was 611, including diphtheria 8, measles 28, scarlet fever 4, typhoid fever 1.

ITALY—Genou.—Two weeks ended November 15, 1911. Population 272,077. Total number of deeths from all causes 150, including

tuberculosis 54.

Messina.—Period from October 21 to November 18, 1911. Population 127,000. Total number of deaths from all causes 119, including cholera 5, diphtheria 2, smallpox 1, tuberculosis 8, typhoid fever 1, typhus fever 1.

MALTA.—Two weeks ended November 18, 1911. Population 213,395. Total number of deaths from all causes 241, including diphtheria 1, measles 1, smallpox 2, tuberculosis 7, typhoid fever 2.

PORTUGUESE EAST AFRICA—Lourenço Marquez.—Month of September, 1911. Population 10,000. Total number of deaths from all causes 51, including smallpox 1, tuberculosis, 11.

South Africa—Bloemfontein.—Month of October, 1911. Population, 11,500. Total number of deaths from all causes 12, including

tuberculosis 3.

Johannesburg.—Two weeks ended November 4, 1911. Population, 237,220. Total number of deaths from all causes 195, including measles 1, scarlet fever 1, tuberculosis 27, typhoid fever 5.

Spain—Barcelona.—Period from November 4 to 15, 1911. Population, 591,272. Total number of deaths from all causes 591, includ-

ing diphtheria 5, tuberculosis 36, typhoid fever 8.

Cadiz.—Month of November, 1911. Population, 67,306. Total number of deaths from all causes 141, including scarlet fever 1,

smallpox 5, tuberculosis 26, typhoid fever 1.

URUGUAY—Montevideo.—Month of September, 1911. Population, 321,224. Total number of deaths from all causes 505, including diphtheria 5, measles 1, smallpox 2, tuberculosis 69, typhoid fever, 1.

By authority of the Secretary of the Treasury:

A. H. GLENNAN,

Acting Surgeon General,

United States Public Health and Marine-Hospital Service.